

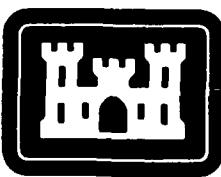
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# WATERBORNE COMMERCE OF THE UNITED STATES

# Calendar Year 1987

**PART 2**  
**WATERWAYS AND HARBORS**  
**GULF COAST, MISSISSIPPI RIVER SYSTEM AND ANTILLES**



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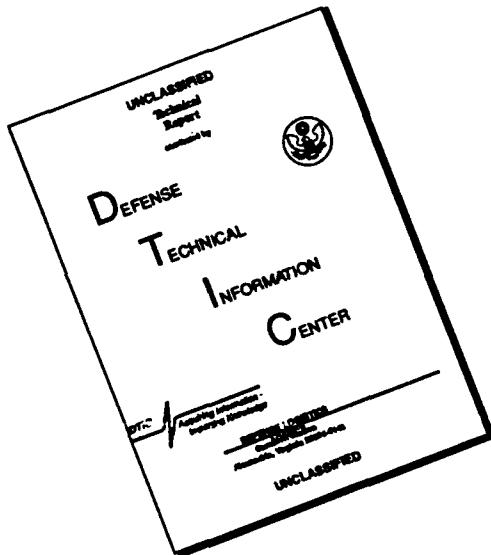
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# **WATERBORNE COMMERCE OF THE UNITED STATES**

**CALENDAR YEAR 1987**

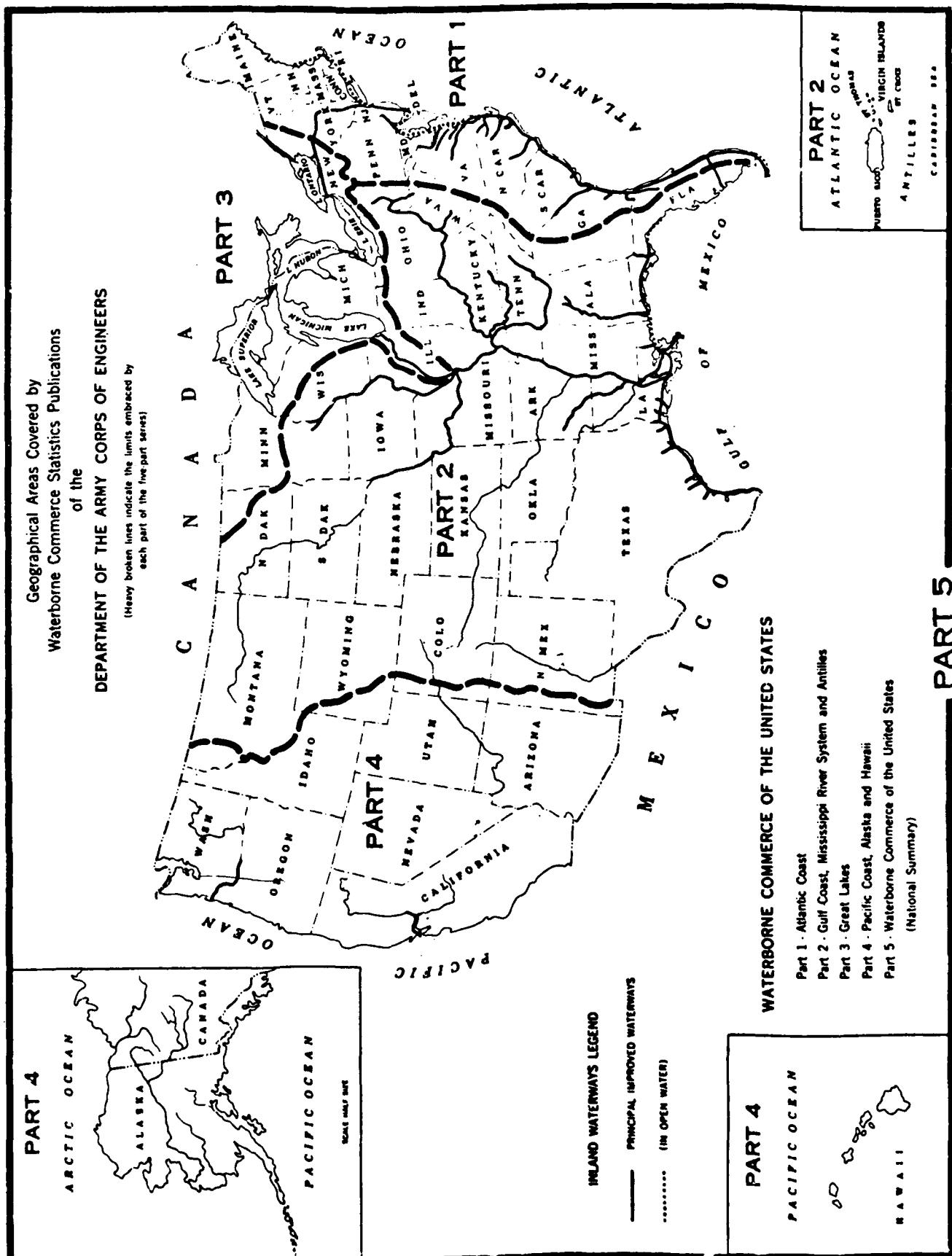
## **PART 2 WATERWAYS AND HARBORS GULF COAST, MISSISSIPPI RIVER SYSTEM AND ANTILLES**

**COMPILED UNDER THE SUPERVISION OF  
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## INTRODUCTION

## VII

This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1987. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

- | <u>Area</u>  |
|--|
| Part 1. Atlantic Coast;  |
| Part 2. Gulf Coast, Mississippi River System, and Antilles;            |
| Part 3. Great Lakes;   |
| Part 4. Pacific Coast, Alaska, and Hawaii;                             |
| Part 5. Waterborne Commerce of the United States (National Summaries). |

Both the foreign and domestic commerce moved on United States waters are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922; as amended by Section 919 of the 1986 Water Resources Development Act.

Section 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section, shall for each and every offense, be liable to a fine of \$5,000 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the island rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1987 but not reported to the Corps of Engineers until after 28 February 1988 will be included in the next year's, 1988, statistics rather than in this publication, while reports of movements completed in 1986 but reported to the Corps after 28 February 1987 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense Controlled Cargo and Special Category Items."

The 1987 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1987 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

# Waterborne Commerce of the United States. 1987

The figures on ton-miles are computed by the Corps of Engineers; each ton-mile figure reflects only the distance each ton of cargo, foreign or domestic, moved on the waterway described in the section for which the figure is reported. The summary of ton-miles for the entire United States contained in Part 5 includes movements on the inland waterways and Great Lakes System only, cargoes, foreign and domestic, of deep-sea vessels are included only for that portion of the voyage that occurred in inland rivers, canals, or connecting channels—neither the carriage on the oceans nor the Gulf of Mexico nor the tonnage moved among the territories and possessions, "Intra-territory Traffic," is taken into account.

Trips of vessels at ports are reported as inbound, which represents the number of entrances or arrivals, and outbound, which represents the number of clearances or departures. On the waterways, the number of trips signifies the number of individual vessel movements on the waterway in each direction; a single trip is counted for each vessel using the waterway in a continuous direction regardless of the number of stops made on the waterway. Some towboat trips and empty barge moves are sampled to expedite processing and reduce cost. Even with sampling; however, the number of towboat trips are calculated from better than 70-percent of the total number of towboat moves reported and the number of barge trips are derived from better than 85-percent of the total number of barge moves reported. The number of trips reported includes vessels engaged in foreign trade, which are furnished by the Bureau of the Census based on Customs Entrance and Clearance forms. Complete information on trips of vessels, ferry and other, not required to clear formally was not furnished by the Bureau of Customs beginning with data for the year 1969. Adjustments are made to the trip counts, if necessary, to more accurately reflect actual traffic patterns (e.g. inbound vs. outbound trip counts).

Customs regulations with regard to entrance and clearance do not provide all data as required by the Corps of Engineers where supplementary information could be obtained, adjustments were made by the Corps of Engineers to reflect the true volume of vessel movements in and out of channels and harbors reported in these publications.

Excluding from these figures are United States Army and Navy vessels, such as Army transports and Navy tankers entering or clearing without commercial cargo, and foreign military and naval craft.

Some duplication may exist in the number of vessel trips at ports for those American flag vessels engaging both foreign and domestic trade on the same voyage. Since movements of vessels and cargo between two United States ports are reported to the Corps of Engineers, and entrance and clearance must be obtained from Customs at each port of call while foreign cargoes are aboard, those vessels engaged in combined foreign and domestic movements may be reported twice.

Draft, in all cases, is the distance from water level to the lowest point of the vessel under-water and is measured when the vessel is completely stopped — either tied to a dock or at anchor. The draft under way — while the vessel is moving — is dependent on many factors, such as speed of the vessel and depth and width of the channel, and varies from channel to channel. Channel depth of at least 3 feet more than the draft of a vessel at dock is required where vessels must be operated at slow speed. Channel depth of 5 feet more than the draft of a vessel at dock is required in channels where vessels can be operated at more efficient and economical speeds.

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1987 in Bar Harbor, Lubec, Eastport and Portland Harbor.

Foreign data on various connecting channels having no terminal facilities, such as Cape Cod Canal, and Chesapeake and Delaware Canal, are not available from Census records. Hence, the Corps of Engineers developed such data from canal records.

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1987 of harbors and waterways in the area covered by this part of the statistics series.

SECTION 2 presents data on the movements of vessels at the harbors and on the waterways included in the first section.

## TERMS FOR KIND OF TRAFFIC

The terms applied to the kinds of traffic as found in these publications are explained as follows:

### Pertaining to Ports

**Imports and Exports.** These terms apply to traffic between the United States and foreign ports, including the Canal Zone. Traffic of the U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

**Coastwise Receipts and Shipments.** These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, or Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are internal bodies of water, therefore, traffic confined to these areas in "internal" rather than "coastwise."

**Lakewise Receipts and Shipments.** These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

**Internal Receipts and Shipments.** These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems; marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important areas thereof; and movements between offshore installations and inland waterways.

**Local.** Movements of freight within the confines of a port whether the port has only one or several areas or channels, except car-ferry and general ferry are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

**Intraterritory receipts and shipments.** These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A., which are considered a single unit.

### Pertaining to Rivers, Federal and Private Canals, Connecting Channels, and Intracoastal Waterways

The terms "imports," "exports," "coastwise receipts," "coastwise shipments," "internal receipts," and "internal shipments" are used as at ports.

**Upbound and Downbound.** These terms are applied to movements within the confines of a river, intracoastal waterway, canal, or a segment of one of these channels as described in the "Section included" for each channel.

**Inbound and Outbound.** Traffic moving from one waterway into another is termed "outbound" in the case of the shipping waterway and "inbound" with respect to the receiving waterway.

**Through Traffic.** Traffic moving through a waterway to and from points on other waterways is termed "through traffic."

### General Terms

Freight reported under the terms "car ferry" or "general ferry" is not directly included in the port or channel tonnage, but is separately stated and tabulated.

## INTRODUCTION

**IX**

### COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

NOTE: The commodity descriptions used in the statistical tables in this publication are abbreviated to conserve printing space of the following commodities.

| Code No.   | Item Name  | Code No.   | Item Name  |
|--|--|--|--|
| <b>Group 01-Farm Products</b>                        |  |  |  |
| 0101   | Cotton, raw  | 2034   | Vegetables and preparations, canned and otherwise prepared and preserved                               |
| 0102   | Barley and rye   | 2039   | Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved                     |
| 0103   | Corn   | 2041   | Wheat flour and semolina   |
| 0104   | Oats   | 2042   | Animal feeds   |
| 0105   | Kiwi   | 2049   | Grain mill products, not elsewhere classified  |
| 0106   | Sorghum Grains   | 2061   | Sugar  |
| 0107   | wheat  | 2062   | Molasses   |
| 0111   | Soybeans   | 2081   | Alcoholic beverages  |
| 0112   | Flaxseed   | 2091   | Vegetable oils, all grades; margarine and shortening   |
| 0119   | Oilseeds, not elsewhere classified   | 2092   | Animal oils and fats, not elsewhere classified, including marine                                       |
| 0121   | Tobacco, leaf  | 2094   | Groceries  |
| 0122   | Hay and Fodder   | 2095   | Ice  |
| 0129   | Field crops, not elsewhere classified  | 2099   | Miscellaneous food products  |
| 0131   | Fresh fruits   | 2111   | Tobacco manufactures   |
| 0132   | Bananas and plantains  | <b>Group 21-Tobacco Products</b>   |  |
| 0133   | Coffee, green and roasted (including instant)                                | <b>Group 22-Basic Textiles</b>   |  |
| 0134   | Cocoa beans  | 2211   | Basic textile products, except textile fibers  |
| 0141   | Fresh and frozen vegetables  | 2212   | Textile fibers not elsewhere classified  |
| 0151   | Live animals (livestock) except zoo animals, cats, dogs, etc.                | <b>Group 23-Apparel and Other Finished Textile Products Including Knit</b> |  |
| 0161   | Animals and animal products, not elsewhere classified                        | 2311   | Apparel and other finished textile products, including knit  |
| 0191   | Miscellaneous farm products  | <b>Group 24-Lumber and Wood Products Except Furniture</b>                  |  |
| <b>Group 08-Forest Products</b>                      |  |  |  |
| 0841   | Crude rubber and allied gums   | 2411   | Logs   |
| 0861   | Forest products, not elsewhere classified                                    | 2412   | Rafted logs  |
| <b>Group 09-Fresh Fish and Other Marine Products</b> |  |  |  |
| 0911   | Fresh fish, except shellfish   | 2413   | Fuel wood, charcoal, and wastes  |
| 0912   | Shellfish, except prepared or preserved                                      | 2414   | Timber, posts, poles, piling, and other wood in the rough  |
| 0913   | Menhaden   | 2415   | Pulpwood, log  |
| 0931   | Marine shells, unmanufactured  | 2416   | Wood chips, staves, moldings, and excelsior  |
| <b>Group 10-Metallic Ores</b>                        |  |  |  |
| 1011   | Iron ore and concentrates  | 2421   | Lumber   |
| 1021   | Copper ore and concentrates  | 2431   | Veneer, plywood, and other worked wood   |
| 1051   | Bauxite and other aluminum ores and concentrates                             | 2491   | Wood manufactures, not elsewhere classified  |
| 1061   | Manganese ores and concentrates  | <b>Group 25-Furniture and Fixtures</b>                                     |  |
| 1091   | Nonferrous metal ores and concentrates, not elsewhere classified             | 2511   | Furniture and fixtures   |
| <b>Group 11-Coal</b>                                 |  |  |  |
| 1121   | Coal and lignite   | <b>Group 26-Pulp, Paper and Allied Products</b>                            |  |
| <b>Group 13-Crude Petroleum</b>                      |  |  |  |
| 1311   | Crude petroleum  | 2611   | Pulp   |
| <b>Group 14-Nonmetallic Minerals, Except Fuels</b>   |  | 2621   | Standard newsprint paper   |
| 1411   | Limestone flux and calcareous stone  | 2631   | Paper and paperboard   |
| 1412   | Building stone, unworked   | 2691   | Pulp, paper and paperboard products, not elsewhere classified  |
| 1442   | Sand, gravel and crushed rock  | <b>Group 27-Printed Matter</b>   |  |
| 1451   | Clay, ceramic and refractory materials                                       | 2711   | Printed matter   |
| 1471   | Phosphate rock   | <b>Group 28-Chemicals and Allied Products</b>                              |  |
| 1479   | Natural fertilizer materials, not elsewhere classified                       | 2810   | Soda - hydroxide (caustic soda)  |
| 1491   | Salt   | 2811   | Crude products from coal tar, petroleum, and natural gas, except benzene and toluene                   |
| 1492   | Sulphur, dry   | 2812   | Dyes, organic pigment, dyeing and tanning materials  |
| 1493   | Sulphur, liquid  | 2813   | Alcohols   |
| 1494   | Gypsum, crude and plasters   | 2816   | Radioactive and associated materials, including wastes   |
| 1499   | Nonmetallic minerals, except fuels, not elsewhere classified                 | 2817   | Benzene and toluene, crude and commercially pure   |
| <b>Group 19-Ordnance and Accessories</b>             |  | 2818   | Sulphuric acid   |
| 1911   | Ordnance and accessories   | 2819   | Basic chemicals and basic chemical products, not elsewhere classified                                  |
| <b>Group 20-Food and Kindred Products</b>            |  | 2821   | Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates |
| 2011   | Meat, fresh, chilled, or frozen  | 2822   | Synthetic rubber   |
| 2012   | Meat and meat products prepared or preserved, including canned meat products | 2823   | Synthetic (man-made) fiber   |
| 2014   | Tallow, animal fats and oils   | 2831   | Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)   |
| 2015   | Animal by-products, not elsewhere classified                                 | 2841   | Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations        |
| 2021   | Dairy products, except dried milk and cream                                  | 2851   | Paints, varnishes, lacquers, enamels, and allied products  |
| 2022   | Dried milk and cream   | 2861   | Gum and wood chemicals   |
| 2031   | Fish and fish products, including shellfish, prepared or preserved           | 2871   | Nitrogenous chemical fertilizers, except mixtures  |
|  |  | 2872   | Potassic chemical fertilizers, except mixtures   |
|  |  | 2873   | Phosphatic chemical fertilizers, except mixtures   |

X

# Waterborne Commerce of the United States, 1987

| Code No.   | Item Name   | Code No. | Item Name   |
|--|---|----------|---|
| Group 28-Chemicals and Allied Products             |   |          |   |
| 2876   | Insecticides, fungicides, pesticides, and disinfectants   |          | Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment   |
| 2879   | Fertilizers and fertilizer materials, not elsewhere classified  | 3411     | Fabricated metal products, except ordnance, machinery, and transportation equipment   |
| 2891   | Miscellaneous chemical products   |          | Group 35-Machinery, Except Electrical   |
| Group 29-Petroleum and Coal Products               |   |          |   |
| 2911   | Gasoline, including natural gasoline  | 3511     | Machinery, except electrical  |
| 2912   | Jet fuel  |          | Group 36-Electrical Machinery, Equipment and Supplies   |
| 2913   | Kerosene  | 3611     | Electrical machinery equipment and supplies   |
| 2914   | Distillate fuel oil   |          | Group 37-Transportation Equipment   |
| 2915   | Residual fuel oil   | 3711     | Motor vehicles, parts and equipment   |
| 2916   | Lubricating oils and greases  | 3721     | Aircraft and parts  |
| 2917   | Naphtha, mineral spirits, solvents, not elsewhere classified  | 3731     | Ships and boats   |
| 2918   | Asphalt, tar, and pitches   | 3791     | Miscellaneous transportation equipment  |
| 2920   | Coke, including petroleum coke  |          | Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks  |
| 2921   | Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids   | 3811     | Instruments, photographic and optical goods, watches and clocks   |
| 2951   | Asphalt building materials  |          | Group 39-Miscellaneous Products of Manufacturing  |
| 2991   | Petroleum and coal products, not elsewhere classified   | 3911     | Miscellaneous products of manufacturing   |
| Group 30-Rubber and Miscellaneous Plastic Products |   |          |   |
| 3011   | Rubber and miscellaneous plastic products   |          | Group 40-Waste and Scrap Materials  |
| Group 31-Leather and Leather Products              |   |          |   |
| 3111   | Leather and leather products  | 4011     | Iron and steel scrap  |
| Group 32-Stone, Clay, Glass and Concrete Products  |   |          |   |
| 3211   | Glass and glass products  | 4012     | Nonferrous metal scrap  |
| 3241   | Building cement   | 4022     | Textile waste, scrap, and sweepings   |
| 3251   | Structural clay products, including refractories  | 4026     | Paper waste and scrap   |
| 3271   | Lime  | 4029     | Waste and scrap, not elsewhere classified   |
| 3281   | Cut stone and stone products  |          | Group 41-Special Items  |
| 3291   | Miscellaneous nonmetallic mineral products  | 4111     | Water   |
| Group 33-Primary Metal Products                    |   |          |   |
| 3311   | Pig iron  | 4112     | Miscellaneous shipments not identifiable by commodity   |
| 3312   | Slag  | 4113     | LCL freight   |
| 3313   | Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents   | 4118     | Materials used in waterway improvement, Government materials  |
| 3314   | Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge iron                         | 4119     | Empty containers  |
| 3315   | Iron and steel bars, rods, angles, shapes and sections, including sheet piling  | 99999*   | Department of Defense controlled cargo and special category items   |
| 3316   | Iron and steel plates and sheets  |          |   |
| 3317   | Iron and steel pipe and tube  |          |   |
| 3318   | Ferroalloys   |          |   |
| 3319   | Primary iron and steel products, not elsewhere classified including castings in the rough                                   |          |   |
| 3321   | Nonferrous metals primary smelter product, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum |          | *Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SCI) for which commodity detail is not furnished to the Corps of Engineers. |
| 3322   | Copper and copper alloys, whether or not refined, unworked  |          |   |
| 3323   | Lead and zinc including alloys, unworked  |          |   |
| 3324   | Aluminum and aluminum alloys, unworked  |          |   |

# Waterborne Commerce of the United States, 1987

XI

COMPARATIVE STATEMENT OF NET TOTAL TRAFFIC ON THE MISSISSIPPI RIVER FROM MINNEAPOLIS, MINN.,  
TO THE MOUTH OF PASSES, CALENDAR YEARS 1978-1987

| YEAR                    | (NET TRAFFIC)                 |             |            |            |             |             |             |         | INLAND<br>TRAFFIC | GRAND<br>TOTAL |  |  |
|-------------------------|-------------------------------|-------------|------------|------------|-------------|-------------|-------------|---------|-------------------|----------------|--|--|
|                         | FOREIGN AND COASTWISE TRAFFIC |             |            |            |             |             |             |         |                   |                |  |  |
|                         | FOREIGN                       |             | COASTWISE  |            | TOTAL       | SHIPMENTS   | RECEIPTS    | EXPORTS |                   |                |  |  |
|                         | IMPORTS                       | EXPORTS     | RECEIPTS   | SHIPMENTS  |             |             |             |         |                   |                |  |  |
| SHORT TONS              |                               |             |            |            |             |             |             |         |                   |                |  |  |
| 1978-----               | 98,574,312                    | 67,252,688  | 14,332,003 | 17,404,538 | 197,563,541 | 215,502,119 | 413,065,660 |         |                   |                |  |  |
| 1979-----               | 105,858,988                   | 73,255,062  | 12,780,791 | 20,274,910 | 211,056,640 | 218,000,928 | 430,170,679 |         |                   |                |  |  |
| 1980-----               | 90,772,105                    | 86,290,660  | 17,768,198 | 23,811,964 | 218,642,927 | 222,901,151 | 441,944,078 |         |                   |                |  |  |
| 1981-----               | 80,094,423                    | 98,269,761  | 21,553,015 | 23,189,745 | 223,106,944 | 223,275,410 | 446,362,350 |         |                   |                |  |  |
| 1982-----               | 56,708,090                    | 100,756,368 | 14,659,479 | 20,047,301 | 192,171,238 | 215,427,418 | 407,598,656 |         |                   |                |  |  |
| 1983-----               | 32,320,125                    | 95,633,023  | 16,317,757 | 20,782,583 | 167,184,066 | 224,951,345 | 592,135,433 |         |                   |                |  |  |
| 1984-----               | 34,074,866                    | 85,056,052  | 19,944,001 | 16,798,329 | 156,956,777 | 200,389,289 | 397,346,066 |         |                   |                |  |  |
| 1985-----               | 27,040,313                    | 81,009,372  | 21,739,390 | 19,167,347 | 148,956,422 | 235,007,267 | 383,764,109 |         |                   |                |  |  |
| 1986-----               | 35,138,022                    | 81,084,796  | 19,318,377 | 18,056,372 | 153,597,567 | 246,346,276 | 399,943,843 |         |                   |                |  |  |
| 1987-----               | 38,087,066                    | 93,688,556  | 17,941,514 | 19,505,233 | 169,222,369 | 255,782,179 | 425,004,516 |         |                   |                |  |  |
| TUN-MILES (000 OMITTED) |                               |             |            |            |             |             |             |         |                   |                |  |  |
| 1978-----               | 16,771,655                    | 10,103,652  | 2,707,945  | 2,740,761  | 32,324,013  | 118,165,016 | 150,489,029 |         |                   |                |  |  |
| 1979-----               | 17,592,665                    | 11,062,598  | 2,605,616  | 3,079,059  | 34,339,938  | 120,669,620 | 155,009,558 |         |                   |                |  |  |
| 1980-----               | 15,135,789                    | 12,965,425  | 3,550,956  | 3,786,062  | 35,438,232  | 133,294,646 | 168,732,878 |         |                   |                |  |  |
| 1981-----               | 13,314,368                    | 14,375,436  | 4,159,336  | 3,527,113  | 35,376,253  | 138,972,272 | 174,348,525 |         |                   |                |  |  |
| 1982-----               | 8,803,571                     | 15,130,210  | 2,955,205  | 3,211,367  | 30,100,353  | 131,592,212 | 161,692,565 |         |                   |                |  |  |
| 1983-----               | 5,095,571                     | 14,631,075  | 3,565,169  | 3,091,435  | 26,384,550  | 139,688,494 | 166,275,044 |         |                   |                |  |  |
| 1984-----               | 5,225,649                     | 15,130,115  | 3,539,022  | 2,436,699  | 24,331,685  | 146,188,708 | 170,520,393 |         |                   |                |  |  |
| 1985-----               | 4,113,990                     | 12,551,382  | 3,857,611  | 2,606,492  | 23,129,475  | 135,360,480 | 158,489,955 |         |                   |                |  |  |
| 1986-----               | 5,505,532                     | 12,619,942  | 3,508,647  | 2,479,850  | 24,113,971  | 141,944,845 | 166,058,816 |         |                   |                |  |  |
| 1987-----               | 5,940,488                     | 14,197,880  | 3,566,664  | 2,414,511  | 26,119,543  | 153,794,561 | 179,914,104 |         |                   |                |  |  |

COMPARATIVE STATEMENT OF NET TOTAL TRAFFIC ON THE MISSISSIPPI RIVER SYSTEM,\* CALENDAR YEARS 1978-1987

| YEAR                    | (NET TRAFFIC)                 |             |            |            |             |             |             |         | INLAND<br>TRAFFIC | GRAND<br>TOTAL |  |  |
|-------------------------|-------------------------------|-------------|------------|------------|-------------|-------------|-------------|---------|-------------------|----------------|--|--|
|                         | FOREIGN AND COASTWISE TRAFFIC |             |            |            |             |             |             |         |                   |                |  |  |
|                         | FOREIGN                       |             | COASTWISE  |            | TOTAL       | SHIPMENTS   | RECEIPTS    | EXPORTS |                   |                |  |  |
|                         | IMPORTS                       | EXPORTS     | RECEIPTS   | SHIPMENTS  |             |             |             |         |                   |                |  |  |
| SHORT TONS              |                               |             |            |            |             |             |             |         |                   |                |  |  |
| 1978-----               | 98,574,312                    | 67,252,688  | 14,332,003 | 17,404,538 | 197,563,541 | 355,364,514 | 552,928,055 |         |                   |                |  |  |
| 1979-----               | 105,858,988                   | 73,255,062  | 12,780,791 | 20,274,910 | 211,056,640 | 370,757,973 | 581,816,613 |         |                   |                |  |  |
| 1980-----               | 90,772,105                    | 86,290,660  | 17,768,198 | 23,811,964 | 218,642,927 | 365,569,149 | 584,212,076 |         |                   |                |  |  |
| 1981-----               | 80,094,423                    | 98,269,761  | 21,553,015 | 23,189,745 | 223,106,944 | 362,930,042 | 586,036,986 |         |                   |                |  |  |
| 1982-----               | 56,708,090                    | 100,756,368 | 14,659,479 | 20,047,301 | 192,171,238 | 347,474,116 | 539,645,354 |         |                   |                |  |  |
| 1983-----               | 32,320,125                    | 95,633,023  | 16,317,757 | 20,782,583 | 167,104,068 | 351,953,271 | 519,137,359 |         |                   |                |  |  |
| 1984-----               | 34,074,866                    | 85,056,052  | 19,944,001 | 16,798,329 | 156,956,777 | 386,568,087 | 543,524,864 |         |                   |                |  |  |
| 1985-----               | 27,040,313                    | 81,009,372  | 21,739,390 | 19,167,347 | 148,956,422 | 378,852,148 | 527,800,570 |         |                   |                |  |  |
| 1986-----               | 35,138,022                    | 81,084,796  | 19,318,377 | 18,056,372 | 153,597,567 | 402,801,874 | 556,399,441 |         |                   |                |  |  |
| 1987-----               | 38,087,066                    | 93,688,556  | 17,941,514 | 19,505,233 | 169,222,369 | 414,175,845 | 583,398,214 |         |                   |                |  |  |
| TUN-MILES (000 OMITTED) |                               |             |            |            |             |             |             |         |                   |                |  |  |
| 1978-----               | 16,771,655                    | 10,103,652  | 2,707,942  | 2,740,761  | 32,324,013  | 176,483,653 | 208,807,666 |         |                   |                |  |  |
| 1979-----               | 17,592,665                    | 11,062,598  | 2,605,616  | 3,079,059  | 34,339,938  | 184,436,341 | 218,776,279 |         |                   |                |  |  |
| 1980-----               | 15,135,789                    | 12,965,425  | 3,550,956  | 3,786,062  | 35,438,232  | 193,492,234 | 228,930,466 |         |                   |                |  |  |
| 1981-----               | 13,314,368                    | 14,375,436  | 4,159,336  | 3,527,113  | 35,376,253  | 199,050,733 | 234,426,986 |         |                   |                |  |  |
| 1982-----               | 8,803,571                     | 15,130,210  | 2,955,205  | 3,211,367  | 30,100,353  | 187,690,327 | 217,990,680 |         |                   |                |  |  |
| 1983-----               | 5,095,571                     | 14,631,075  | 3,565,169  | 3,091,935  | 26,384,550  | 196,680,195 | 223,664,745 |         |                   |                |  |  |
| 1984-----               | 5,225,649                     | 15,130,115  | 3,539,022  | 2,436,699  | 24,331,685  | 210,297,576 | 234,629,261 |         |                   |                |  |  |
| 1985-----               | 4,113,990                     | 12,551,382  | 3,857,611  | 2,606,492  | 23,129,075  | 201,584,645 | 224,714,120 |         |                   |                |  |  |
| 1986-----               | 5,505,532                     | 12,619,942  | 3,508,647  | 2,479,850  | 24,113,971  | 215,179,481 | 239,293,452 |         |                   |                |  |  |
| 1987-----               | 5,940,488                     | 14,197,880  | 3,566,664  | 2,414,511  | 26,119,543  | 225,452,436 | 251,571,977 |         |                   |                |  |  |

\* INCLUDES THE MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

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**Section 1**  
**FREIGHT TRAFFIC**

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# VICKSBURG, MS, DISTRICT

3

WHITE CLOUD AND BLACK RIVERS, ARK., AND LA.

SECTION INCLUDED: FROM MOUTH OF BLACK RIVER TO CAMDEN, ARK. (356 MILES), CONTROLLING DEPTH: MINIMUM DEPTH 9 FEET MAINTAINED TO CAMDEN, ARK., DURING LOW WATER SEASONS. CONSIDERABLY GREATER DEPTH AVAILABLE AT HIGHER RIVER STAGES. PROJECT DEPTH: 9 FEET.

#### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|-----------|------------|-----------|-----------|------------|
| 1978----- | 1,084,940 | 18,974     | 1983----- | 660,939   | 31,320     |
| 1979----- | 1,170,215 | 22,992     | 1984----- | 766,201   | 26,650     |
| 1980----- | 914,152   | 29,636     | 1985----- | 690,468   | 35,678     |
| 1981----- | 705,763   | 26,454     | 1986----- | 791,702   | 33,260     |
| 1982----- | 509,233   | 23,412     | 1987----- | 1,198,933 | 24,772     |

#### FREIGHT TRAFFIC, 1987

##### DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL     | INTERNAL |          |         |           | THROUGH<br>UPBOUND |
|--|-----------|----------|----------|---------|-----------|--------------------|
|  |           | INBOUND  | OUTBOUND | UPBOUND | DOWNBOUND |                    |
| TOTAL-----                               | 1,198,933 | 425,506  | 463,445  | 17,600  | 10,400    | 281,982            |
| 0103 CORN-----                           | 20,225    | -----    | 20,225   | -----   | -----     | -----              |
| 0106 SORGHUM GRAINS-----                 | 85,624    | -----    | 85,624   | -----   | -----     | -----              |
| 0107 WHEAT-----                          | 12,914    | -----    | 12,914   | -----   | -----     | -----              |
| 0111 SOYBEANS-----                       | 122,817   | -----    | 122,817  | -----   | -----     | -----              |
| 1311 CRUDE PETROLEUM-----                | 21,528    | -----    | 21,528   | -----   | -----     | -----              |
| 1401 LIMESTONE-----                      | 2,800     | 2,800    | -----    | -----   | -----     | -----              |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----     | 99,616    | 99,616   | -----    | -----   | -----     | -----              |
| 2002 ANIMAL FEEDS-----                   | 1,291     | -----    | 1,291    | -----   | -----     | -----              |
| 2411 LOGS-----                           | 28,000    | -----    | -----    | 17,000  | 10,400    | -----              |
| 2810 SODIUM HYDROXIDE-----               | 95,519    | 95,519   | -----    | -----   | -----     | -----              |
| 2819 BASIC CHEMICALS AND PHOS., VEC----- | 201,224   | 2,178    | 199,046  | -----   | -----     | -----              |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 17,005    | 1,075    | -----    | -----   | -----     | 15,530             |
| 2911 GASOLINE-----                       | 264,151   | -----    | -----    | -----   | -----     | 264,151            |
| 2914 DISTILLATE FUEL OIL-----            | 2,301     | -----    | -----    | -----   | -----     | 2,301              |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 3,660     | 3,080    | -----    | -----   | -----     | -----              |
| 4110 WATERWAY IMPROVEMENT-----           | 219,856   | 219,856  | -----    | -----   | -----     | -----              |
| TOTAL TON-MILES, 113,111,036.            |           |          |          |         |           |                    |

#### LITTLE RIVER, LA.

SECTION INCLUDED: MOUTH TO ROCHELLE, LOUISIANA. CONTROLLING DEPTH: MILE 0 TO MILE 12, 9.0 FEET; PROJECT DEPTH: 9.0 FEET.

#### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS   | YEAR      | TONS    |
|-----------|--------|-----------|---------|
| 1978----- | 47,632 | 1983----- | -----   |
| 1979----- | -----  | 1984----- | -----   |
| 1980----- | -----  | 1985----- | -----   |
| 1981----- | -----  | 1986----- | 137,800 |
| 1982----- | -----  | 1987----- | 223,377 |
|           |        |           | 281,982 |

#### FREIGHT TRAFFIC, 1987

##### DOMESTIC

(SHORT TONS)

| COMMODITY                              | INTERNAL | INBOUND |         |
|--|----------|---------|---------|
|  |          |         |         |
| TOTAL-----                             | -----    | -----   | 281,982 |
| 2871 NITROGENOUS CHEM FERTILIZERS----- | -----    | -----   | 15,530  |
| 2911 GASOLINE-----                     | -----    | -----   | 264,151 |
| 2914 DISTILLATE FUEL OIL-----          | -----    | -----   | 2,301   |
| TOTAL TON-MILES, 28,480,182.           |          |         |         |

## VICKSBURG, MS, DISTRICT

YAZOO RIVER, MISS.--CONTINUED  
 FREIGHT TRAFFIC, 1987--CONTINUED  
 DOMESTIC--CONTINUED  
 (SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |         | THROUGH UPBOUND |
|---|---------|----------|----------|---------|-----------------|
|   |         | INBOUND  | OUTBOUND | UPBOUND |                 |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 299,783 | 2,498    | 291,324  | 4,408   | 1,557           |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 2,802   | 2,802    | -----    | -----   | -----           |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 10,548  | 10,548   | -----    | -----   | -----           |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 2,177   | -----    | 2,177    | -----   | -----           |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 19,868  | 19,868   | -----    | -----   | -----           |
| TOTAL TON-MILES, 25,816,687.            |         |          |          |         |                 |

RED RIVER BELOW FULTON, ARK.

SECTION INCLUDED: MOUTH AT JUNCTION OF OLD AND ATCHAFALAYA RIVERS, LA., TO FULTON, ARK., 455.6 MILES. CONTROLLING DEPTH (MEAN LOW WATER): MOUTH OF RED RIVER TO MOUTH OF BLACK RIVER, MILE 34.2, 9 FEET; MOUTH OF BLACK RIVER TO ALEXANDRIA, LA., 6 FEET; TO SHREVEPORT, LA., LESS THAN 2 FEET; TO FULTON, ARK., LESS THAN 1 FOOT. PROJECT DEPTH: 9 FEET TO MILE 34.2 (NONE ABOVE).

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,753,883 | 1985----- | 937,839   |
| 1979----- | 1,790,974 | 1986----- | 1,817,295 |
| 1980----- | 1,735,418 | 1985----- | 2,572,524 |
| 1981----- | 1,439,608 | 1986----- | 2,747,436 |
| 1982----- | 914,956   | 1987----- | 3,718,771 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL  |            |                                     | THROUGH<br>NORTHBOUND<br>SOUTHBOUND |
|---|-----------|-----------|------------|-------------------------------------|-------------------------------------|
|   |           | INBOUND   | NORTHBOUND | THROUGH<br>NORTHBOUND<br>SOUTHBOUND |                                     |
| TOTAL-----                              | 3,718,771 | 2,543,638 | 4,200      | 707,488                             | 463,445                             |
| 0103 CORN-----                          | 20,225    | -----     | -----      | -----                               | 20,225                              |
| 0106 SORGHUM GRAINS-----                | 85,624    | -----     | -----      | -----                               | 85,624                              |
| 0107 WHEAT-----                         | 12,914    | -----     | -----      | -----                               | 12,914                              |
| 0111 SOYBEANS-----                      | 122,817   | -----     | -----      | -----                               | 122,817                             |
| 1311 CRUDE PETROLEUM-----               | 21,528    | -----     | -----      | -----                               | 21,528                              |
| 1411 LIMESTONE-----                     | 2,800     | -----     | -----      | 2,800                               | -----                               |
| 1442 SAWD. GRAVEL, CRUSHED ROCK-----    | 99,616    | -----     | -----      | 99,616                              | -----                               |
| 2042 ANIMAL FEEDS-----                  | 1,291     | -----     | -----      | -----                               | 1,291                               |
| 2810 SODIUM HYDROXIDE-----              | 96,519    | -----     | -----      | 96,519                              | -----                               |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 201,224   | -----     | -----      | 2,178                               | 199,046                             |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 17,005    | -----     | -----      | 17,005                              | -----                               |
| 2911 GASOLINE-----                      | 264,151   | -----     | -----      | 264,151                             | -----                               |
| 2914 DISTILLATE FUEL OIL-----           | 2,301     | -----     | -----      | 2,301                               | -----                               |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 3,060     | -----     | -----      | 3,060                               | -----                               |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 2,767,694 | 2,543,638 | 4,200      | 219,856                             | -----                               |
| TOTAL TON-MILES, 317,172,265.           |           |           |            |                                     |                                     |

## OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY                     | COMMODITY  | TONS        | TOTAL<br>TON-<br>MILES | PASSENGERS |
|--|--|-------------|------------------------|------------|
| PROJECT                                |  |             |                        |            |
| BIG SUNFLOWER RIVER, MISS.-----        | 2871 NITROGENOUS CHEM FERTILIZERS-----   | 1,557       | 35,811                 | -----      |
| BOEUF RIVER, LA.-----                  | NO COMMERCE REPORTED   |             |                        |            |
| PEARL RIVER, MS. AND LA.-----          | 2914 DISTILLATE FUEL OIL-----<br>3317 IRON AND STEEL PIPE AND TUBE-----<br>3411 FABRICATED METAL PRODUCTS----- | 6<br>3<br>9 | -----                  | -----      |
| TENSAS RIVER AND BAYOU MACON, LA.----- | TOTAL-----<br>NO COMMERCE REPORTED   | 18          | 396                    | -----      |

**Waterborne Commerce of the United States, 1987  
MEMPHIS, TN, DISTRICT**

WHITE RIVER, ARK., BELOW BATESVILLE, ARK.

SECTION INCLUDED: JUNCTION WITH THE ARKANSAS POST CANAL, ARK., TO BATESVILLE, ARK., 285.5 MILES, CONTROLLING DEPTHS: JUNCTION WITH ARKANSAS POST CANAL TO AUGUSTA, ARK., 190 MILES, 5 FEET; AUGUSTA, ARK., TO NEWPORT, ARK., 55 MILES, 4.5 FEET. PROJECT DEPTHS: 5-FOOT CHANNEL BELOW AUGUSTA, AND 4.5-FOOT CHANNEL FROM NEWPORT, ARK., TO AUGUSTA, ARK., BOTH AT LOW WATER, COMMENSURABLY GREATER DEPTH AVAILABLE AT HIGHER STAGES. PROJECT NOT FUNDED ABOVE NEWPORT, ARK.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 610,028 | 1983----- | 519,800 |
| 1979----- | 702,755 | 1984----- | 667,987 |
| 1980----- | 767,930 | 1985----- | 652,673 |
| 1981----- | 472,655 | 1986----- | 504,092 |
| 1982----- | 659,821 | 1987----- | 436,192 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |         |           |
|---|---------|----------|----------|---------|-----------|
|   |         | INBOUND  | OUTBOUND | UPBOUND | DOWNBOUND |
| TOTAL-----                              | 436,192 | 35,752   | 310,976  | 72,425  | 17,039    |
| 0106 SORGHUM GRAINS-----                | 32,870  | -----    | 32,870   | -----   | -----     |
| 0107 WHEAT-----                         | 32,679  | -----    | 31,440   | -----   | 1,239     |
| 0111 SOYBEANS-----                      | 237,291 | -----    | 237,291  | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 92,050  | -----    | 3,825    | 72,425  | 15,800    |
| 2411 LUGS-----                          | 5,550   | -----    | 5,550    | -----   | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 20,639  | 20,639   | -----    | -----   | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 6,716   | 6,716    | -----    | -----   | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 2,830   | 2,830    | -----    | -----   | -----     |
| 2879 FERTILIZER AND MATERIALS, VEC----- | 5,567   | 5,567    | -----    | -----   | -----     |
| TOTAL TON-MILES, 51,088,183.            |         |          |          |         |           |

WHITE RIVER, TENN. (INCLUDED IN TRAFFIC OF PORT OF MEMPHIS, TENN.)

SECTION INCLUDED: MOUTH TO MILE 3. CONTROLLING DEPTHS: 9 FEET. PROJECT DEPTHS: 9 FEET AT LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,309,456 | 1983----- | 876,766   |
| 1979----- | 1,401,154 | 1984----- | 1,271,076 |
| 1980----- | 1,142,222 | 1985----- | 1,464,336 |
| 1981----- | 1,014,879 | 1986----- | 1,510,665 |
| 1982----- | 1,007,266 | 1987----- | 1,353,076 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL |           |
|---|-----------|----------|-----------|
|   |           | RECEIPTS | SHIPMENTS |
| TOTAL-----                              | 1,353,076 | 516,751  | 836,327   |
| 0103 CORN-----                          | 51,537    | 41,110   | 10,427    |
| 0105 RICE-----                          | 5,886     | -----    | 5,886     |
| 0106 SORGHUM GRAINS-----                | 43,684    | -----    | 43,684    |
| 0107 WHEAT-----                         | 206,829   | -----    | 206,829   |
| 0111 SOYBEANS-----                      | 216,302   | 7,578    | 208,724   |
| 1121 COAL AND LIGNITE-----              | 4,568     | 4,568    | -----     |
| 2042 ANIMAL FEEDS-----                  | 83,123    | 1,850    | 81,673    |
| 2049 GRAIN MILL PRODUCTS, NET-----      | 251,200   | -----    | 251,200   |
| 2062 MOLASSES-----                      | 11,067    | 11,067   | -----     |
| 2091 VEGETABLE OILS, HARG, SHORT-----   | 99,718    | 74,569   | 25,149    |
| 2810 SODIUM HYDROXIDE-----              | 14,426    | 14,426   | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 1,388     | -----    | 1,388     |
| 3241 BUILDING CEMENT-----               | 360,215   | 360,215  | -----     |
| 3314 IRON AND STEEL PRIMARY PRODS-----  | 1,132     | 1,132    | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 636       | 636      | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 1,265     | -----    | 1,265     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 102       | -----    | 102       |
| TOTAL TON-MILES, 5,499,122.             |           |          |           |

## MEMPHIS, TN. DISTRICT

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## OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY   | COMMODITY  | TONS                    | TOTAL<br>TON-MILES       | PASSENGERS              |
|--|--|-------------------------|--------------------------|-------------------------|
| PROJECT  |  |                         |                          |                         |
| ST. FRANCIS AND L ANGUILLE RIVERS AND BLACKFISH BAYOU, ARK.- | 0107 WHEAT-----<br>1699 NONMETALLIC MINERALS, NEC-----<br>TOTAL----- | 1,542<br>1,549<br>3,131 | -----<br>-----<br>34,441 | -----<br>-----<br>----- |

**Waterborne Commerce of the United States, 1987  
ST. LOUIS, MO, DISTRICT**

KASKASKIA RIVER, ILL.

SECTION INCLUDED: SOUTH AT MISSISSIPPI RIVER TO MILE 36.2 AT FAYETTEVILLE, ILL. CONTROLLING AND PROJECT DEPTHS: 9 FEET. NAVIGATION SEASIDE ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,832,961 | 1983----- | 2,503,093 |
| 1979----- | 1,723,453 | 1984----- | 3,179,275 |
| 1980----- | 2,045,575 | 1985----- | 2,929,906 |
| 1981----- | 2,704,632 | 1986----- | 3,902,135 |
| 1982----- | 3,188,393 | 1987----- | 2,783,537 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                  |             |  | INTERNAL  |
|----------------------------|-------------|--|-----------|
|                            |             |  | OUTBOUND  |
| TOTAL-----                 |             |  | 2,783,537 |
| 0103 CORN-----             |             |  | 57,810    |
| 0106 SORGHUM GRAINS-----   |             |  | 1,423     |
| 0107 WHEAT-----            |             |  | 9,052     |
| 0111 SOYBEANS-----         |             |  | 87,292    |
| 1121 COAL AND LIGNITE----- |             |  | 2,612,363 |
| 3271 LIME-----             |             |  | 3,098     |
| 5312 SLAG-----             |             |  | 12,499    |
| TOTAL TON-MILES:           | 67,379,215. |  |           |

PORT OF METROPOLITAN ST. LOUIS \*

SECTION INCLUDED: SOUTH BANKS OF MISSISSIPPI RIVER FROM MILE 138.8 THROUGH MILE 208.6 ABOVE OHIO RIVER JUNCTION. CONTROLLING AND PROJECT DEPTHS: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS       | PASSENGERS |
|-----------|------------|------------|
| 1978----- | 22,425,157 | 1,128,957  |
| 1979----- | 21,644,353 | 507,207    |
| 1980----- | 24,526,760 | 307,790    |
| 1981----- | 22,666,356 | 161,000    |
| 1982----- | 22,398,160 | 321,987    |
| 1983----- | 22,657,947 | 360,791    |
| 1984----- | 26,976,685 | 372,045    |
| 1985----- | 26,620,294 | 683,862    |
| 1986----- | 28,003,141 | 615,620    |
| 1987----- | 27,571,883 | 747,136    |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                                 | TOTAL      | INTERNAL  |            | LOCAL     |
|---|------------|-----------|------------|-----------|
|   |            | RECEIPTS  | SHIPMENTS  |           |
| TOTAL-----                                | 27,571,883 | 6,743,288 | 16,320,932 | 2,503,663 |
| 0102 BARLEY AND RYE-----                  | 34,454     | -----     | 34,454     | -----     |
| 0103 CORN-----                            | 1,940,862  | 10,966    | 1,929,896  | -----     |
| 0104 OATS-----                            | 14,553     | 14,553    | -----      | -----     |
| 0106 SORGHUM GRAINS-----                  | 435,891    | -----     | 435,891    | -----     |
| 0107 WHEAT-----                           | 957,069    | 50,360    | 906,388    | 4,325     |
| 0111 SOYBEANS-----                        | 1,266,157  | 6,504     | 1,259,653  | -----     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----    | 133        | -----     | 133        | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED-----   | 4,446      | 4,446     | -----      | -----     |
| 1011 IRON ORE AND CONCENTRATES-----       | 10,405     | 5,752     | 4,671      | -----     |
| 1021 COPPER ORE AND CONCENTRATES-----     | 66,427     | -----     | 66,427     | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----    | 9,409      | 5,604     | 2,805      | -----     |
| 1091 NONFERROUS ORES, CONCENTRATES-----   | 69,541     | 64,905    | 4,370      | -----     |
| 1121 COAL AND LIGNITE-----                | 5,467,122  | 1,166,580 | 4,012,577  | 287,965   |
| 1311 CRUDE PETROLEUM-----                 | 649,132    | 295,631   | 353,503    | -----     |
| 1411 LIMESTONE-----                       | 24,583     | -----     | 24,583     | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----      | 1,196,202  | 173,124   | 75,141     | 944,937   |
| 1451 CLAY-----                            | 8,980      | -----     | 8,980      | -----     |
| 1494 GYPSUM, CHALK AND PLASTER-----       | 62,500     | 62,500    | -----      | -----     |
| 1499 NONMETALLIC MINERALS, ETC-----       | 268,368    | 263,767   | 4,601      | -----     |
| 2002 ANIMAL FEEDS-----                    | 1,866,770  | 19,583    | 1,867,207  | -----     |
| 2049 GRAIN, MILL PRODUCTS, SEC-----       | 1,152,598  | 2,400     | 1,150,158  | -----     |
| 2061 SUGAR-----                           | 10,398     | 4,444     | 5,354      | -----     |
| 2082 VOLATILE FUELS, PARaffin, SHORT----- | 42,435     | -----     | 42,435     | -----     |
| 2091 VEGETABLE OILS, PARaffin, SHORT----- | 134,967    | 29,170    | 105,797    | -----     |

## ST. LOUIS, MO, DISTRICT

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PORT OF METROPOLITAN ST. LOUIS ---CONTINUED

FREIGHT TRAFFIC, 1987---CONTINUED

DOMESTIC--CONTINUED

(SHRT TONS)

| COMMODITY                           | TOTAL     | INTERNAL |           | LOCAL   |
|-------------------------------------|-----------|----------|-----------|---------|
|                                     |           | RECEIPTS | SHIPMENTS |         |
| 2211 BASIC TEXTILE PRODUCTS         | 1,977     | 1,977    | -----     | -----   |
| 2011 LUGS                           | 420       | -----    | 420       | -----   |
| 2421 LUMBER                         | 550       | 550      | -----     | -----   |
| 2010 SODIUM HYDROXIDE               | 251,242   | 251,242  | -----     | -----   |
| 2811 COKE TAR, OIL, GAS PRODUCTS    | 11,147    | 11,147   | -----     | -----   |
| 2013 ALCOHOLS                       | 133,102   | 27,993   | 105,109   | -----   |
| 2017 BENZENE AND TOLUENE            | 254,401   | 64,683   | 141,355   | 48,363  |
| 2018 SULPHURIC ACID                 | 157,702   | 40,563   | 97,139    | -----   |
| 2819 BASIC CHEMICALS AND PETRO, NEC | 195,667   | 163,493  | 32,174    | -----   |
| 2971 NITROGENOUS CHEM FERTILIZERS   | 136,622   | 124,956  | 10,266    | 1,400   |
| 2872 POTASSIUM CHEM FERTILIZERS     | 367,643   | 58,030   | 302,007   | 7,666   |
| 2873 PHOSPHATIC CHEM FERTILIZERS    | 26,646    | 24,636   | 2,010     | -----   |
| 2879 FERTILIZER AND MATERIALS, NEC  | 227,771   | 163,273  | 59,937    | 4,561   |
| 2891 MISCELLANEOUS CHEMICAL PROD    | 1,389     | 1,389    | -----     | -----   |
| 2911 GASOLINE                       | 2,364,437 | 706,187  | 1,391,256 | 266,998 |
| 2912 JET FUEL                       | 54,144    | 51,272   | 2,872     | -----   |
| 2913 KEROSENE                       | 24,518    | 23,977   | 541       | -----   |
| 2914 DISTILLATE FUEL OIL            | 1,034,535 | 148,116  | 764,063   | 122,336 |
| 2915 RESIDUAL FUEL OIL              | 1,480,903 | 205,168  | 996,444   | 279,291 |
| 2916 LUBRICATING OILS AND GREASES   | 386,249   | 369,966  | 18,283    | -----   |
| 2917 VAPORIS, PETROLEUM SOLVENTS    | 42,164    | 42,164   | -----     | -----   |
| 2918 ASPHALT, TAR, AND PITCHES      | 1,076,218 | 100,778  | 863,654   | 113,786 |
| 2920 COKE, PETROLEUM COKE           | 229,240   | 70,826   | 158,414   | -----   |
| 2921 LIQUEFIED GASES                | 12,544    | -----    | -----     | -----   |
| 2991 PETROLEUM AND COAL PROD, NEC   | 11,666    | 11,666   | -----     | -----   |
| 3241 BUILDING CEMENT                | 1,884,205 | 727,929  | 734,162   | 422,114 |
| 3271 LIME                           | 6,600     | -----    | 6,600     | -----   |
| 3311 PIG IRON                       | 3,749     | 3,749    | -----     | -----   |
| 3312 SLAG                           | 88,394    | 67,597   | 20,797    | -----   |
| 3314 IRON AND STEEL PRIMARY FORMS   | 146,256   | 128,730  | 17,526    | -----   |
| 3315 IRON, STEEL SHAPES, EXC SHEET  | 79,338    | 40,003   | 38,355    | -----   |
| 3316 IRON AND STEEL PLATES, SHEETS  | 139,174   | 36,838   | 100,484   | 1,852   |
| 3317 IRON AND STEEL PIPE AND TUBE   | 54,920    | 42,138   | 12,782    | -----   |
| 3318 FERROALLOYS                    | 16,557    | 16,557   | -----     | -----   |
| 3319 IRON AND STEEL PRODUCTS, NEC   | 31,714    | 30,845   | 869       | -----   |
| 3322 COPPER ALLOYS, UNWORKED        | 30,626    | 30,626   | -----     | -----   |
| 3323 LEAD AND ZINC, UNWORKED        | 39,644    | 39,644   | -----     | -----   |
| 3324 ALUMINUM AND ALLOYS, UNWORKED  | 1,567     | 1,567    | -----     | -----   |
| 3411 FABRICATED METAL PRODUCTS      | 3,351     | 3,000    | 351       | -----   |
| 3511 MACHINERY, EXCEPT ELECTRICAL   | 7,921     | 7,921    | -----     | -----   |
| 4011 IRON AND STEEL SCRAP           | 454,009   | 279,976  | 174,033   | -----   |
| 4012 NONFERROUS METAL SCRAP         | 5,744     | -----    | 5,744     | -----   |
| 4029 WASTE AND SCRAP, NEC           | 11,575    | -----    | 11,575    | -----   |
| 4118 WATERWAY IMPROVEMENT MATERIAL  | 388,175   | 386,925  | 1,250     | -----   |

FOR LATERAL TRADE STATISTICS TABLES RELATING TO THE MISSISSIPPI RIVER AND THE PORT  
OF METROPOLITAN ST. LOUIS, SEE INDEX.

*Waterborne Commerce of the United States, 1987*  
**ST. PAUL, MN, DISTRICT**

MINNESOTA RIVER, MINN.

SECTION INCLUDED: MOUTH TO SHAKOPEE, MINN., MILE 25.6. CONTROLLING DEPTH: 9 FEET, MOUTH TO SAVAGE, MINN., MILE 14.7; LOCAL INTERESTS MAINTAIN 9-FOOT CHANNEL FOR RESTRICTED WIDTHS FROM MILE 14.7 TO MILE 21.8 NEAR SHAKOPEE, MINN. PROJECT DEPTH: 9 FEET, MOUTH TO SAVAGE: 6 FEET, SAVAGE TO SHAKOPEE. NAVIGATION SEASON: 23 MARCH TO 5 DECEMBER.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 2,078,067 | 1983----- | 4,869,228 |
| 1979----- | 1,198,086 | 1984----- | 4,711,272 |
| 1980----- | 2,713,844 | 1985----- | 3,719,171 |
| 1981----- | 2,594,006 | 1986----- | 2,972,401 |
| 1982----- | 3,821,648 | 1987----- | 3,309,655 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL              | INTERNAL       |                  |
|---|--------------------|----------------|------------------|
|   |                    | INBOUND        | OUTBOUND         |
| <b>TOTAL-----</b>                       | <b>3,309,655</b>   | <b>433,884</b> | <b>2,875,771</b> |
| 0103 CORN-----                          | 1,222,117          | 1,507          | 1,220,610        |
| 0104 OATS-----                          | 5,723              | -----          | 5,723            |
| 0107 WHEAT-----                         | 428,944            | -----          | 428,944          |
| 0111 SOYBEANS-----                      | 1,159,118          | 1,351          | 1,157,767        |
| 0191 MISCELLANEOUS FARM PRODUCTS-----   | 1,307              | -----          | 1,307            |
| 1121 COAL AND LIGNITE-----              | 19,667             | 19,667         | -----            |
| 1411 LIMESTONE-----                     | 32,817             | 32,817         | -----            |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 4,372              | 4,372          | -----            |
| 1499 NONMETALLIC MINERALS, NEC-----     | 64,643             | 64,643         | -----            |
| 2042 ANIMAL FEEDS-----                  | 29,453             | -----          | 29,453           |
| 2045 GRAIN MILL PRODUCTS, NEC-----      | 8,537              | -----          | 8,537            |
| 2062 MOLASSES-----                      | 16,704             | 14,482         | 4,222            |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 11,526             | -----          | 11,526           |
| 2671 NITROGENOUS CHEM FERTILIZERS-----  | 51,699             | 51,699         | -----            |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 1,503              | -----          | 1,503            |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 13,292             | 13,292         | -----            |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 125,641            | 125,641        | -----            |
| 2915 RESIDUAL FUEL OIL-----             | 14,762             | 14,762         | -----            |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 62,095             | 55,916         | 6,179            |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 13,735             | 13,735         | -----            |
| <b>TOTAL TON-MILES:</b>                 | <b>47,137,596.</b> |                |                  |

OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY                   | COMMODITY                               | TONS           | TOTAL TON-MILES | PASSENGERS   |
|--------------------------------------|---|----------------|-----------------|--------------|
| <b>PROJECT</b>                       |   |                |                 |              |
| BLACK RIVER, WIS.-----               | 0103 CORN-----                          | 6,199          | -----           | -----        |
|                                      | 0111 SOYBEANS-----                      | 1,403          | -----           | -----        |
|                                      | 1121 COAL AND LIGNITE-----              | 1,590          | -----           | -----        |
|                                      | 1499 NONMETALLIC MINERALS, NEC-----     | 12,135         | -----           | -----        |
|                                      | 2062 MOLASSES-----                      | 4,361          | -----           | -----        |
|                                      | 2610 SODIUM HYDROXIDE-----              | 26,539         | -----           | -----        |
|                                      | 2619 BASIC CHEMICALS AND PROD, NEC----- | 2,947          | -----           | -----        |
|                                      | 2671 NITROGENOUS CHEM FERTILIZERS-----  | 6,804          | -----           | -----        |
|                                      | 2679 FERTILIZER AND MATERIALS, NEC----- | 1,500          | -----           | -----        |
|                                      | 2911 GASOLINE-----                      | 101,551        | -----           | -----        |
|                                      | 2914 DISTILLATE FUEL OIL-----           | 41,275         | -----           | -----        |
|                                      | 2918 ASPHALT, TAR, AND PITCHES-----     | 29,667         | -----           | -----        |
|                                      | 3311 PIG IRON-----                      | 4,620          | -----           | -----        |
|                                      | 3317 IRON AND STEEL PIPE AND TUBE-----  | 1,010          | -----           | -----        |
|                                      | <b>TOTAL-----</b>                       | <b>243,601</b> | <b>283,846</b>  | <b>-----</b> |
| ST. CROIX RIVER, WIS. AND MINN.----- | 2042 ANIMAL FEEDS-----                  | 2,731          | -----           | -----        |
|                                      | 2671 NITROGENOUS CHEM FERTILIZERS-----  | 1,529          | -----           | -----        |
|                                      | 2679 FERTILIZER AND MATERIALS, NEC----- | 32,173         | -----           | -----        |
|                                      | <b>TOTAL-----</b>                       | <b>36,433</b>  | <b>837,959</b>  | <b>-----</b> |

# LITTLE ROCK, AR, DISTRICT

11

## MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM (CONSOLIDATED REPORT)

SECTION INCLUDED: MAIN STEM OF NAVIGATION SYSTEM INCLUDES LOWER 10 MILES OF WHITE RIVER; ARKANSAS POST CANAL; ARKANSAS RIVER BETWEEN ARKANSAS POST CANAL AND MUSKOGEE, OKLA.; AND VERDIGRIS RIVER BETWEEN MUSKOGEE, OKLA., AND CATOOSA, OKLA. (445 MILES). TRIBUTARIES INCLUDE THE LOWER 5 MILES OF LAKE LAUGHLINER, LOWER 2 MILES OF POETEAU RIVER AND THE LOWER 10 MILES OF SAVS BOIS CREEK (17 MILES). CONTROLLING AND PROJECT DEPTHS: 9 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 9,851,932 | 1983----- | 7,567,986 |
| 1979----- | 8,411,173 | 1984----- | 8,521,310 |
| 1980----- | 8,461,411 | 1985----- | 7,725,466 |
| 1981----- | 7,674,431 | 1986----- | 8,395,856 |
| 1982----- | 7,623,228 | 1987----- | 7,915,037 |

### FREIGHT TRAFFIC, 1987

#### DOMESTIC

(SHORT TONS)

| COMMODITY                                  | TOTAL     | INTERNAL  |           |         |           |         |           |
|--|-----------|-----------|-----------|---------|-----------|---------|-----------|
|  |           | INBOUND   | OUTBOUND  | UPBOUND | DOWNBOUND | UPBOUND | DOWNBOUND |
| TOTAL-----                                 | 7,915,037 | 1,916,222 | 3,132,134 | 968,873 | 1,532,555 | 81,712  | 283,541   |
| 0103 CURVE-----                            | 78,042    | 55,657    | 19,570    | -----   | 4,815     | -----   | -----     |
| 0105 RICE-----                             | 150,065   | -----     | 148,665   | -----   | 1,400     | -----   | -----     |
| 0106 SORGHUM GRAINS-----                   | 72,032    | 4,549     | 34,563    | -----   | -----     | -----   | 32,870    |
| 0107 MEAT-----                             | 575,380   | -----     | 543,240   | 700     | -----     | -----   | 31,440    |
| 0111 SOYBEANS-----                         | 467,951   | 1,400     | 270,762   | -----   | -----     | -----   | 195,789   |
| 1011 IRON ORE AND CONCENTRATES-----        | 3,082     | 1,600     | 1,482     | -----   | -----     | -----   | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----      | 11,444    | 6,019     | 5,425     | -----   | -----     | -----   | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----     | 2,600     | 2,800     | -----     | -----   | -----     | -----   | -----     |
| 1091 NUNFERROUS ORES, CONCENT, NEC-----    | 45,696    | 44,283    | 1,415     | -----   | -----     | -----   | -----     |
| 1121 COAL AND LIGNITE-----                 | 484,062   | 36,786    | 443,469   | -----   | 2,094     | -----   | 1,313     |
| 1411 LIMESTONE-----                        | 3,072     | -----     | 3,072     | -----   | -----     | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----       | 2,482,600 | 9,609     | 80,347    | 962,672 | 1,389,972 | -----   | -----     |
| 1451 CLAY-----                             | 20,822    | -----     | 20,822    | -----   | -----     | -----   | -----     |
| 1471 PHOSPHATE ROCK-----                   | 2,755     | 2,755     | -----     | -----   | -----     | -----   | -----     |
| 1499 UNMETALLIC MINERALS, NEC-----         | 29,130    | 18,571    | 1,559     | -----   | -----     | -----   | -----     |
| 2042 ANIMAL FEEDS-----                     | 69,798    | 38,227    | 31,571    | -----   | -----     | -----   | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----         | 55,329    | -----     | 54,029    | -----   | -----     | -----   | 1,300     |
| 2062 MULASSES-----                         | 53,901    | 44,891    | 5,141     | -----   | -----     | 3,869   | -----     |
| 2091 VEGETABLE OILS, HARG, SHORT-----      | 8,408     | 2,257     | 6,151     | -----   | -----     | -----   | -----     |
| 2411 LOGS-----                             | 11,646    | -----     | 11,646    | -----   | -----     | -----   | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----         | 2,017     | 2,017     | -----     | -----   | -----     | -----   | -----     |
| 2631 PAPER AND PAPERBOARD-----             | 1,105     | -----     | 1,185     | -----   | -----     | -----   | -----     |
| 2691 PULP AND PAPER PRODUCTS, NEC-----     | 43,581    | -----     | 43,581    | -----   | -----     | -----   | -----     |
| 2810 SODIUM HYDROXIDE-----                 | 188,732   | 188,732   | -----     | -----   | -----     | -----   | -----     |
| 2813 ALCOHOLS-----                         | 15,107    | 15,107    | -----     | -----   | -----     | -----   | -----     |
| 2817 BENZENE AND TOLUENE-----              | 21,924    | 21,924    | -----     | -----   | -----     | -----   | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC-----    | 353,435   | 72,982    | 224,050   | -----   | -----     | 51,403  | 5,000     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----     | 801,343   | 239,897   | 520,090   | -----   | 12,622    | 12,905  | 15,829    |
| 2872 POTASSIC CHEM FERTILIZERS-----        | 27,503    | 23,499    | -----     | -----   | -----     | 4,004   | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----      | 15,656    | 14,245    | -----     | -----   | -----     | 1,411   | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC-----    | 345,707   | 337,111   | 149       | 2,821   | 1,406     | 4,220   | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----      | 2,618     | 1,309     | -----     | -----   | -----     | 1,309   | -----     |
| 2911 GASOLINE-----                         | 68,688    | 67,213    | 1,635     | -----   | -----     | -----   | -----     |
| 2912 JET FUEL-----                         | 54,423    | 54,423    | -----     | -----   | -----     | -----   | -----     |
| 2914 DISTILLATE FUEL OIL-----              | 8,055     | 8,055     | -----     | -----   | -----     | -----   | -----     |
| 2915 RESIDUAL FUEL OIL-----                | 129,989   | 36,320    | 93,669    | -----   | -----     | -----   | -----     |
| 2916 LUBRICATING OILS AND GREASES-----     | 27,257    | 4,800     | 21,271    | -----   | -----     | 1,186   | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----      | 1,381     | -----     | 1,381     | -----   | -----     | -----   | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----        | 82,342    | 36,061    | 46,281    | -----   | -----     | -----   | -----     |
| 2920 COKE, PETROLEUM COKE-----             | 256,467   | 12,410    | 244,057   | -----   | -----     | -----   | -----     |
| 3211 GLASS AND GLASS PRODUCTS-----         | 4,216     | 4,216     | -----     | -----   | -----     | -----   | -----     |
| 3261 BUILDING CEMENT-----                  | 95,160    | 9,886     | 83,674    | -----   | 1,600     | -----   | -----     |
| 3281 CUT STONE AND STONE PRODUCTS-----     | 1,405     | -----     | 1,405     | -----   | -----     | -----   | -----     |
| 3291 VARIOUS NONMETALLIC MINERAL PROD----- | 5,435     | -----     | 5,435     | -----   | -----     | -----   | -----     |
| 3311 PIG IRON-----                         | 9,275     | 8,663     | 612       | -----   | -----     | -----   | -----     |
| 3312 SLAG-----                             | 10,103    | -----     | 10,103    | -----   | -----     | -----   | -----     |
| 3318 IRON AND STEEL PRIMARY FORMS-----     | 89,208    | 83,429    | 5,779     | -----   | -----     | -----   | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----    | 171,643   | 150,093   | 21,550    | -----   | -----     | -----   | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-----    | 42,490    | 42,490    | -----     | -----   | -----     | -----   | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----     | 62,346    | 59,718    | 2,630     | -----   | -----     | -----   | -----     |
| 3318 FERRALLOYS-----                       | 4,974     | 4,774     | -----     | -----   | -----     | -----   | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----     | 73,573    | 61,540    | 12,033    | -----   | -----     | -----   | -----     |
| 3323 LEAD AND ZINC, UNWORKED-----          | 18,508    | 5,037     | 11,469    | -----   | -----     | -----   | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----    | 22,335    | 22,335    | -----     | -----   | -----     | -----   | -----     |
| 3411 FABRICATED METAL PRODUCTS-----        | 1,172     | -----     | 1,172     | -----   | -----     | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----     | 4,354     | 3,154     | 950       | -----   | 250       | -----   | -----     |
| 4011 IRON AND STEEL SCRAP-----             | 150,857   | 52,576    | 94,194    | 2,680   | -----     | 1,405   | -----     |
| 4029 WASTE AND SCRAP, NEC-----             | 2,850     | -----     | 2,850     | -----   | -----     | -----   | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----         | 122,046   | 4,050     | -----     | -----   | 117,996   | -----   | -----     |

TOTAL TON-MILES, 1,669,107,537.

*Waterborne Commerce of the United States, 1987*

| OTHER HARBORS AND WATERWAYS    |                                      |        |                        |            |
|--------------------------------|--------------------------------------|--------|------------------------|------------|
| HARBOR OR WATERWAY<br>PROJECT  | COMMODITY                            | TONS   | TOTAL<br>TON-<br>MILES | PASSENGERS |
| BLACK RIVER, ARK. AND MO.----- | NO COMMERCE REPORTED                 |        |                        |            |
| UPPER WHITE RIVER, ARK.-----   | 1442 SAND, GRAVEL, CRUSHED ROCK----- | 15,100 | 45,300                 | -----      |

# ROCK ISLAND, IL, DISTRICT

13

## ILLINOIS RIVER, ILL.

SECTION INCLUDED: MOUTH OF ILLINOIS RIVER, GRAFTON, ILLINOIS, TO LOCKPORT, ILLINOIS, 291.9 MILES. CONTROLLING AND PROJECT DEPTHS: 9 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 37,251,157 | 1983----- | 41,026,849 |
| 1979----- | 35,150,250 | 1984----- | 37,085,576 |
| 1980----- | 41,703,337 | 1985----- | 36,534,778 |
| 1981----- | 39,764,349 | 1986----- | 39,991,396 |
| 1982----- | 39,471,655 | 1987----- | 38,831,170 |

### FREIGHT TRAFFIC, 1987

#### COASTWISE

(SHORT TONS)

| COMMODITY                        |       |       | DOMESTIC<br>COASTWISE<br>THROUGH<br>DOWNBOUND |
|----------------------------------|-------|-------|---|
|                                  | TOTAL | 8,539 |   |
| 2915 RESIDUAL FUEL OIL-----      |       |       | 8,539   |
| TON-MILES, COASTWISE, 2,484,849. |       |       |   |

#### INTERNAL

(SHORT TONS)

| COMMODITY                                    | TOTAL      | UPBOUND | INBOUND   | OUTBOUND  | THROUGH   | DOWNBOUND | INBOUND   | OUTBOUND   | THROUGH   |
|--|------------|---------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
|  |            |         | UPBOUND   | JPBOUND   | UPBOUND   |           | DOWNBOUND | DOWNBOUND  | DOWNBOUND |
| TOTAL-----                                   | 38,422,651 | 45,596  | 6,461,977 | 3,666,206 | 6,187,057 | 187,693   | 617,338   | 17,969,048 | 3,267,716 |
| 0103 CORN-----                               | 11,254,158 | 1,491   | 13,297    | 1,417     | -----     | -----     | 22,758    | 10,798,256 | 416,939   |
| 0104 OATS-----                               | 2,937      | -----   | -----     | -----     | -----     | -----     | -----     | -----      | 2,937     |
| 0106 SORGHUM GRAINS-----                     | 33,747     | -----   | 4,549     | -----     | -----     | -----     | -----     | 29,198     | -----     |
| 0107 WHEAT-----                              | 269,506    | -----   | 4,310     | -----     | -----     | -----     | -----     | 199,532    | 65,666    |
| 0111 SOYBEANS-----                           | 3,612,255  | -----   | -----     | -----     | -----     | -----     | -----     | 3,420,138  | 192,117   |
| 0119 DILSEEDS, NEC-----                      | 1,472      | -----   | 1,472     | -----     | -----     | -----     | -----     | -----      | -----     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 109        | 109     | -----     | -----     | 7,319     | -----     | -----     | -----      | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED-----      | 7,319      | -----   | -----     | -----     | 16,437    | -----     | -----     | -----      | -----     |
| 1011 IRON JRE AND CONCENTRATES-----          | 16,437     | -----   | -----     | -----     | 2,971     | -----     | -----     | -----      | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 2,971      | -----   | -----     | -----     | 63,055    | -----     | -----     | -----      | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----       | 53,055     | -----   | -----     | -----     | 15,434    | -----     | -----     | -----      | 1,600     |
| 1091 NONFERROUS ORES, CONCENTRATES, VEC----- | 17,034     | -----   | -----     | -----     | -----     | -----     | -----     | -----      | -----     |
| 1121 COAL AND LIGNITE-----                   | 5,756,598  | -----   | 2,201,587 | 2,059,388 | 1,495,623 | -----     | -----     | -----      | -----     |
| 1311 CRUDE PETROLEUM-----                    | 176,109    | -----   | 5,840     | -----     | -----     | -----     | 3,376     | 2,530      | 164,355   |
| 1411 LIVESTONE-----                          | 75,813     | -----   | 35,457    | -----     | 4,440     | -----     | -----     | -----      | 35,886    |
| 1462 SAND, GRAVEL, CRUSHED ROCK-----         | 1,596,630  | 3,865   | 20,869    | 1,175,052 | 51,682    | -----     | 314,550   | 30,612     | -----     |
| 1451 CLAY-----                               | 1,411      | -----   | -----     | -----     | 1,411     | -----     | -----     | -----      | -----     |
| 1494 GYPSUM, CRUDE AND PLASTERS-----         | 11,115     | -----   | 11,115    | -----     | -----     | -----     | -----     | -----      | -----     |
| 1499 NONMETALLIC MINERALS, ILC-----          | 472,697    | -----   | 154,000   | -----     | 518,697   | -----     | -----     | -----      | -----     |
| 2018 TALLOW, ANIMAL FATS AND OILS-----       | 36,867     | -----   | -----     | -----     | -----     | -----     | -----     | -----      | 36,867    |
| 2042 ANIMAL FEEDS-----                       | 1,647,193  | -----   | 29,690    | 1,576     | 2,764     | -----     | -----     | 1,792,813  | 24,550    |
| 2049 GRAIN MILL PRODUCTS, NEC-----           | 277,743    | -----   | 2,919     | 2,757     | -----     | -----     | -----     | 253,034    | 19,033    |
| 2061 SUGAR-----                              | 64,697     | -----   | -----     | -----     | 52,164    | -----     | -----     | 1,285      | 1,286     |
| 2062 VOLASSEES-----                          | 95,194     | -----   | 18,698    | -----     | 76,496    | -----     | -----     | -----      | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT-----        | 13,837     | -----   | 9,620     | -----     | 1,473     | -----     | -----     | 1,344      | 1,600     |
| 2211 BASIC TEXTILE PRODUCTS-----             | 1,056      | -----   | 1,056     | -----     | -----     | -----     | -----     | -----      | -----     |
| 2421 LUMBER-----                             | 11,154     | -----   | 1,400     | -----     | 9,784     | -----     | -----     | -----      | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----       | 3,891      | -----   | 576       | 507       | 2,608     | -----     | -----     | -----      | -----     |
| 2611 PULP-----                               | 7,649      | -----   | -----     | -----     | 7,649     | -----     | -----     | -----      | -----     |
| 2631 PAPER AND PAPERBOARD-----               | 10,434     | -----   | -----     | -----     | 10,434    | -----     | -----     | -----      | -----     |
| 2810 SODIUM HYDROXIDE-----                   | 523,502    | -----   | -----     | -----     | 511,669   | -----     | -----     | 5,374      | 6,059     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----       | 189,487    | -----   | 56,041    | -----     | 11,752    | -----     | 2,800     | 6,660      | 112,034   |
| 2813 ALCOHOLS-----                           | 667,666    | -----   | 32,102    | 160,018   | 180,355   | 523       | -----     | 290,412    | 16,236    |
| 2817 BENZENE AND TOLUENE-----                | 61,218     | -----   | 4,192     | 1,400     | 11,504    | -----     | -----     | -----      | 44,122    |
| 2818 SULPHURIC ACID-----                     | 1,313      | -----   | -----     | -----     | 1,513     | -----     | -----     | -----      | -----     |
| 2819 BASIC CHEMICALS AND PROD, VEC-----      | 1,449,883  | 2,500   | 998,851   | 746       | 349,829   | -----     | 29,455    | 12,139     | 16,363    |
| 2871 NITROGENOUS CHEM FERTILIZERS-----       | 594,237    | 17,617  | 365,226   | 13,055    | 134,733   | 13,809    | 2,581     | 24,631     | 22,225    |
| 2872 POTASSIC CHEM FERTILIZERS-----          | 229,377    | 2,995   | 195,835   | -----     | 7,337     | -----     | -----     | 3,210      | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----        | 46,363     | -----   | 72,700    | 1,274     | 9,720     | -----     | -----     | 2,669      | -----     |
| 2879 FERTILIZER AND MATERIALS, VEC-----      | 635,636    | 3,261   | 619,042   | -----     | 10,534    | -----     | -----     | 2,999      | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----        | 60,829     | -----   | 1,245     | -----     | 36,589    | -----     | -----     | -----      | 25,061    |
| 2911 GASOLINE-----                           | 724,875    | -----   | 359,157   | 1,400     | 43,490    | 77,273    | 54,187    | 180,988    | 8,380     |
| 2913 KEROSENE-----                           | 39,064     | -----   | -----     | -----     | 39,064    | -----     | -----     | -----      | -----     |
| 2914 DISTILLATE FUEL OIL-----                | 579,734    | 5,531   | 214,624   | 77,376    | 45,200    | 51,269    | 30,870    | 91,809     | 63,055    |
| 2915 RESIDUAL FUEL OIL-----                  | 1,365,876  | 1,827   | 596,311   | 45,893    | 182,205   | -----     | 34,845    | 140,833    | 361,702   |
| 2916 LUBRICATING OILS AND GREASES-----       | 333,252    | -----   | 2,623     | -----     | 273,310   | -----     | -----     | -----      | 57,319    |
| 2917 VAPATHA, PETROLEUM SOLVENTS-----        | 160,560    | -----   | 37,083    | -----     | 75,789    | -----     | 10,913    | -----      | 36,775    |
| 2918 ASPHALT, TAR, AND PITCHES-----          | 464,468    | 3,000   | 175,903   | 16,357    | 56,405    | 3,000     | 18,146    | -----      | 193,653   |
| 2920 COKE, PETROLEUM COKE-----               | 1,335,197  | 3,200   | 1,400     | 89,940    | 166,623   | 41,819    | 8,992     | 593,861    | 433,762   |
| 2991 PETROLEUM AND COAL PROD, NEC-----       | 4,256      | -----   | 4,256     | -----     | -----     | -----     | -----     | -----      | -----     |
| 3241 BUILDING CEMENT-----                    | 802,310    | -----   | 39,309    | -----     | 763,001   | -----     | -----     | -----      | -----     |
| 3271 LIME-----                               | 61,511     | -----   | 71,473    | -----     | 8,602     | -----     | -----     | -----      | 1,436     |
| 3311 PIC IRON-----                           | 38,294     | -----   | 4,556     | -----     | 30,704    | -----     | -----     | -----      | 5,032     |
| 3312 SLAG-----                               | 201,501    | -----   | 1,669     | 4,516     | 90,455    | -----     | 26,393    | -----      | 78,508    |
| 3314 IRON AND STEEL PRIMARY FORMS-----       | 343,003    | -----   | 23,089    | -----     | 192,443   | -----     | -----     | 15,590     | 111,962   |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----      | 529,005    | -----   | 15,700    | -----     | 381,347   | -----     | 19,229    | 45,413     | 67,402    |

## Waterborne Commerce of the United States, 1987

ILLINOIS RIVER, ILL.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                            | TOTAL          | UPBOUND | INBOUND | OUTBOUND | THROUGH | DOWNBOUND | INBOUND   | OUTBOUND  | THROUGH   |
|--------------------------------------|----------------|---------|---------|----------|---------|-----------|-----------|-----------|-----------|
|                                      |                |         | UPBOUND | UPBOUND  | UPBOUND |           | DOWNBOUND | DOWNBOUND | DOWNBOUND |
| 3316 IRON AND STEEL PLATES, SHEETS-- | 154,991        | -----   | 4,340   | -----    | 37,650  | -----     | 800       | -----     | 117,201   |
| 3317 IRON AND STEEL PIPE AND TUBE--  | 31,694         | -----   | 7,095   | -----    | 23,549  | -----     | -----     | -----     | 1,040     |
| 3318 FERROALLOY--                    | 171,402        | -----   | -----   | -----    | 164,117 | -----     | -----     | -----     | 7,285     |
| 3319 IRON AND STEEL PRODUCTS, NED--  | 77,061         | -----   | 65      | -----    | 27,648  | -----     | 7,958     | 4,690     | 36,700    |
| 3323 LEAD AND ZINC, UNWORKED--       | 8,312          | -----   | -----   | -----    | 8,312   | -----     | -----     | -----     | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-- | 7,444          | -----   | -----   | -----    | 7,444   | -----     | -----     | -----     | -----     |
| 3411 FABRICATED METAL PRODUCTS--     | 4,266          | -----   | 1,534   | 400      | 2,312   | -----     | -----     | -----     | 40        |
| 3511 MACHINERY, EXCEPT ELECTRICAL--  | 20,097         | -----   | 9,209   | -----    | 4,940   | -----     | -----     | 3,348     | 2,600     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP--  | 2,342          | -----   | -----   | -----    | 993     | -----     | -----     | 1,349     | -----     |
| 3731 SHIPS AND BOATS--               | 214            | -----   | -----   | -----    | 130     | -----     | -----     | -----     | 84        |
| 4011 IRON AND STEEL SCRAP--          | 719,759        | -----   | 30,884  | 13,154   | 146,546 | -----     | 37,525    | 20,315    | 469,385   |
| 4029 WASTE AND SCRAP, NEL--          | 23,038         | -----   | -----   | -----    | -----   | -----     | -----     | 9,799     | 13,239    |
| 4112 COMMODITIES, NEL--              | 1,552          | -----   | 750     | -----    | 802     | -----     | -----     | -----     | -----     |
| 4118 WATERWAY IMPROVEMENT MAT--      | 1,350          | -----   | 1,350   | -----    | -----   | -----     | -----     | -----     | -----     |
| TONS-MILES, INTERNAL,                | 7,610,582,875. |         |         |          |         |           |           |           |           |

TONS, ALL TRAFFIC, 58,451,170.

TON-MILES, ALL TRAFFIC, 7,613,067,724.

**ROCK ISLAND IL, DISTRICT**

**15**

CHICAGO SANITARY AND SHIP CANAL, ILL. (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)

SECTION INCLUDED: CHICAGO SANITARY AND SHIP CANAL, DAVEN AVENUE, CHICAGO TO LOCKPORT, ILL. PROJECT DEPTHS: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 19,942,488 | 1983----- | 18,748,000 |
| 1979----- | 20,013,114 | 1984----- | 15,293,449 |
| 1980----- | 22,687,576 | 1985----- | 15,904,359 |
| 1981----- | 21,706,164 | 1986----- | 19,528,046 |
| 1982----- | 19,063,704 | 1987----- | 16,598,020 |

FREIGHT TRAFFIC, 1987

COASTWISE AND LAKEWISE

(SHORT TONS)

| COMMODITY                               | TOTAL   | DOMESTIC  |          | LAKEWISE  |                      |
|---|---------|-----------|----------|-----------|----------------------|
|   |         | SHIPMENTS | RECEIPTS | SHIPMENTS | THROUGH<br>DOWNBOUND |
| TOTAL-----                              | 283,860 | 8,539     | 169,292  | 97,651    | 8,378                |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 500     | -----     | -----    | 500       | -----                |
| 1311 CRUDE PETROLEUM-----               | 2,528   | -----     | -----    | 2,528     | -----                |
| 1499 NONMETALLIC MINERALS, NEC-----     | 39,817  | -----     | 39,817   | -----     | 2,937                |
| 2019 BASIC CHEMICALS AND PROD, NEC----- | 4,500   | -----     | -----    | 4,500     | -----                |
| 2,71 NITROGENOUS CHEM FERTILIZERS-----  | 11,489  | -----     | 2,010    | 9,479     | -----                |
| 2911 GASOLINE-----                      | 19,404  | -----     | -----    | 18,138    | 1,266                |
| 2912 JET FUEL-----                      | 18,583  | -----     | -----    | 11,471    | 7,112                |
| 2913 KEROSENE-----                      | 1,242   | -----     | 1,242    | -----     | -----                |
| 2914 DISTILLATE FUEL OIL-----           | 26,667  | -----     | 16,213   | 12,454    | -----                |
| 2915 RESIDUAL FUEL OIL-----             | 67,981  | 8,539     | 34,262   | 25,140    | -----                |
| 2916 LUBRICATING OILS AND GREASES-----  | 42,000  | -----     | 42,000   | -----     | -----                |
| 2917 VAPMTA, PETROLEUM SOLVENTS-----    | 1,400   | -----     | -----    | 1,400     | -----                |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 45,789  | -----     | 33,788   | 12,041    | -----                |

TON-MILES, COASTWISE AND LAKEWISE, 3,654,264.

INTERNAL

(SHORT TONS)

| COMMODITY                                    | TOTAL      | RECEIPTS  | SHIPMENTS | LOCAL     |           | THROUGH   |           |
|--|------------|-----------|-----------|-----------|-----------|-----------|-----------|
|  |            |           |           | UPBOUND   | DOWNBOUND | UPBOUND   | DOWNBOUND |
| TOTAL-----                                   | 16,314,960 | 5,850,264 | 1,773,490 | 2,566,285 | 4,009,118 | 2,115,803 | -----     |
| 0103 CORN-----                               | 441,118    | -----     | 223,534   | -----     | 1,817     | 216,163   | -----     |
| 0106 OATS-----                               | 2,937      | -----     | -----     | -----     | -----     | 2,937     | -----     |
| 0107 MEAT-----                               | 65,664     | -----     | 11,017    | -----     | -----     | 56,587    | -----     |
| 0111 SOYBEANS-----                           | 192,117    | -----     | 108,534   | -----     | -----     | 83,583    | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED-----      | 7,319      | -----     | -----     | -----     | 7,319     | -----     | -----     |
| 1011 IRON ORE AND CONCENTRATES-----          | 16,437     | -----     | -----     | -----     | 16,437    | -----     | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 2,971      | 1,372     | -----     | -----     | 1,599     | -----     | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----       | 63,055     | 2,465     | -----     | -----     | 60,590    | -----     | -----     |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 17,030     | 7,124     | -----     | -----     | 8,310     | 1,600     | -----     |
| 1121 COAL AND LIGNITE-----                   | 3,645,761  | 1,956,827 | 90,750    | 1,598,184 | -----     | -----     | -----     |
| 1311 CRUDE PETROLEUM-----                    | 183,672    | -----     | 4,616     | 15,981    | -----     | 163,115   | -----     |
| 1411 LIMESTONE-----                          | 40,326     | 3,025     | -----     | -----     | 1,415     | 35,886    | -----     |
| 1462 SAND, GRAVEL, CRUSHED ROCK-----         | 2,991,184  | 1,198,477 | 314,550   | 1,449,900 | 28,257    | -----     | -----     |
| 1451 CLAY-----                               | 1,411      | -----     | -----     | -----     | 1,411     | -----     | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----          | 379,047    | 126,075   | -----     | 60,750    | 192,622   | -----     | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 36,867     | -----     | 1,220     | -----     | -----     | 35,639    | -----     |
| 2082 ANIMAL FEEDS-----                       | 25,690     | 1,576     | 10,170    | -----     | 2,768     | 14,180    | -----     |
| 2089 GRAIN MILL PRODUCTS, NEC-----           | 21,790     | -----     | 4,617     | -----     | 2,757     | 14,616    | -----     |
| 2061 SUGAR-----                              | 53,412     | 41,142    | 1,248     | -----     | 11,022    | -----     | -----     |
| 2062 MOLASSES-----                           | 76,496     | 2,772     | -----     | -----     | 73,724    | -----     | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT-----        | 2,873      | -----     | 1,800     | -----     | 1,473     | -----     | -----     |
| 2221 LUMBER-----                             | 9,788      | 8,186     | -----     | -----     | 1,598     | -----     | -----     |
| 2031 VENEER, PLYWOOD, WORKED WOOD-----       | 3,315      | 756       | -----     | -----     | 2,557     | -----     | -----     |
| 2611 PULP-----                               | 7,649      | 7,649     | -----     | -----     | -----     | -----     | -----     |
| 2631 PAPER AND PAPERBOARD-----               | 10,434     | 5,412     | -----     | -----     | 5,022     | -----     | -----     |
| 2010 SODIUM HYDROXIDE-----                   | 518,128    | 382,093   | 6,459     | -----     | 169,576   | -----     | -----     |
| 2011 CRUDE TAR, OIL, GAS PRODUCTS-----       | 161,586    | 11,752    | 96,734    | 35,000    | -----     | 18,100    | -----     |
| 2013 ALCOHOLS-----                           | 396,553    | 208,846   | 14,889    | 35,984    | 135,527   | 1,307     | -----     |
| 2017 BENZENE AND TOLUENE-----                | 104,097    | 12,904    | 23,223    | 87,071    | -----     | 20,899    | -----     |
| 2018 SULPHURIC ACID-----                     | 1,313      | -----     | -----     | -----     | 1,313     | -----     | -----     |
| 2019 BASIC CHEMICALS AND PROD, NEC-----      | 423,910    | 202,695   | 12,750    | 27,517    | 147,880   | 33,068    | -----     |
| 2071 NITROGENOUS CHEM FERTILIZERS-----       | 186,969    | 22,802    | 2,541     | 11,624    | 127,697   | 22,225    | -----     |
| 2072 POTASSIUM CHEM FERTILIZERS-----         | 7,337      | -----     | -----     | -----     | 7,337     | -----     | -----     |
| 2073 PHOSPHATIC CHEM FERTILIZERS-----        | 10,994     | -----     | -----     | -----     | 10,994    | -----     | -----     |
| 2079 FERTILIZER AND MATERIALS, NEC-----      | 10,534     | -----     | -----     | -----     | 10,534    | -----     | -----     |
| 2091 MISCELLANEOUS CHEMICAL PROD-----        | 59,650     | 8,760     | -----     | -----     | 27,829    | 23,061    | -----     |
| 2091 GASOLINE-----                           | 163,445    | 24,335    | 32,336    | 55,980    | 20,555    | 30,231    | -----     |
| 2092 JET FUEL-----                           | 2,316      | -----     | -----     | 2,316     | -----     | -----     | -----     |
| 2013 KEROSENE-----                           | 40,317     | 38,089    | -----     | 1,253     | 5,015     | -----     | -----     |
| 2014 DISTILLATE FUEL OIL-----                | 363,016    | 111,375   | 85,510    | 145,793   | 11,923    | 8,007     | -----     |
| 2015 RESIDUAL FUEL OIL-----                  | 901,050    | 213,200   | 332,491   | 273,539   | 17,496    | 64,316    | -----     |
| 2016 LUBRICATING OILS AND GREASES-----       | 334,617    | 273,310   | 6,190     | 3,988     | -----     | 51,121    | -----     |
| 2017 VAPMTA, PETROLEUM SOLVENTS-----         | 163,826    | 69,206    | 36,775    | 40,349    | 6,583     | 10,913    | -----     |
| 2018 ASPHALT, TAR, AND PITCHES-----          | 450,179    | 74,762    | 42,264    | 167,610   | -----     | 165,935   | -----     |
| 2020 COKE, PETROLEUM COKE-----               | 797,750    | 86,647    | 323,159   | 100,944   | 160,916   | 117,084   | -----     |
| 3241 BUILDING CEMENT-----                    | 763,001    | 605,186   | -----     | -----     | 157,815   | -----     | -----     |
| 3271 LIME-----                               | 10,038     | -----     | -----     | -----     | 8,602     | 1,036     | -----     |

## Waterborne Commerce of the United States, 1987

CHICAGO SANITARY AND SHIP CANAL, ILL. (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | RECEIPTS | SHIPMENTS | LOCAL | THROUGH           |
|---|---------|----------|-----------|-------|-------------------|
|   |         |          |           |       | UPBOUND DOWNBOUND |
| 3311 PIG IRON-----                      | 33,736  | 2,461    | -----     | ----- | 28,243 3,032      |
| 3312 SLAG-----                          | 199,872 | -----    | -----     | ----- | 94,971 104,901    |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 304,405 | 34,785   | -----     | ----- | 157,658 111,962   |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 467,978 | 109,175  | 1,897     | ----- | 272,172 85,134    |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 155,651 | 2,511    | -----     | ----- | 35,139 118,001    |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 24,589  | 12,847   | 1,040     | ----- | 10,702 -----      |
| 3318 FERROALLOYS-----                   | 171,402 | 4,221    | -----     | ----- | 159,896 7,285     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 72,306  | 12,832   | -----     | ----- | 18,816 44,658     |
| 3323 LEAD AND ZINC, UNWORKED-----       | 8,312   | -----    | -----     | ----- | 8,312 -----       |
| 3328 ALUMINUM AND ALLOYS, UNWORKED----- | 7,444   | -----    | -----     | ----- | 7,444 -----       |
| 3411 FABRICATED METAL PRODUCTS-----     | 2,752   | 2,412    | -----     | ----- | 300 40            |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 7,540   | 2,539    | 1,400     | ----- | 2,401 1,200       |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 993     | -----    | -----     | ----- | 993 -----         |
| 3731 SHIPS AND BOATS-----               | 214     | -----    | -----     | ----- | 130 86            |
| 4011 IRON AND STEEL SCRAP-----          | 669,990 | 1,611    | 58,913    | ----- | 160,069 449,397   |
| 4029 WASTE AND SCRAP, NEC-----          | 13,239  | -----    | 13,239    | ----- | -----             |
| 4112 COMMODITIES, NEC-----              | 802     | -----    | -----     | ----- | 802 -----         |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 1,350   | -----    | 1,350     | ----- | -----             |

TON-MILES, INTERNAL, 223,805,651.

TONS, ALL TRAFFIC, 16,598,820.

TON-MILES, ALL TRAFFIC, 227,459,915.

CALUMET-SAG CHANNEL, ILL. (INCLUDED IN PORT OF CHICAGO,  
ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)

SECTION INCLUDED: CALUMET-SAG CHANNEL FROM ITS JUNCTION WITH CHICAGO SANITARY AND SHIP CANAL TO BLUE ISLAND, LITTLE CALUMET AND CALUMET RIVERS TO TURNING BASIN NO. 5. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|-----------|------------|-----------|-----------|------------|
| 1978----- | 6,034,231 | 1,200      | 1983----- | 6,445,250 | 600        |
| 1979----- | 5,830,427 | 1,290      | 1984----- | 5,577,763 | 650        |
| 1980----- | 6,042,097 | 1,300      | 1985----- | 5,828,780 | 40,358     |
| 1981----- | 6,841,966 | 1,300      | 1986----- | 7,503,107 | -----      |
| 1982----- | 5,441,831 | 392        | 1987----- | 6,127,480 | -----      |

## FREIGHT TRAFFIC, 1987

## LAKENISE

(SHORT TONS)

| COMMODITY                              | TOTAL  | DOMESTIC<br>LAKENISE |           |         |                   |
|--|--------|----------------------|-----------|---------|-------------------|
|  |        | RECEIPTS             | SHIPMENTS | THROUGH | UPBOUND DOWNBOUND |
| TOTAL-----                             | 38,040 | 8,378                | 2,908     | 11,584  | 15,170            |
| 1061 MANGANESE ORES, CONCENTRATES----- | 500    | -----                | -----     | 500     | -----             |
| 2911 GASOLINE-----                     | 5,538  | 1,266                | -----     | 8,268   | -----             |
| 2912 JET FUEL-----                     | 9,447  | 7,112                | -----     | 2,335   | -----             |
| 2913 KEROSENE-----                     | 1,242  | -----                | -----     | -----   | 1,242             |
| 2914 DISTILLATE FUEL OIL-----          | 2,336  | -----                | -----     | 2,336   | -----             |
| 2915 RESIDUAL FUEL OIL-----            | 9,786  | -----                | 2,908     | 2,145   | 4,735             |
| 2916 ASPHALT, TAR, AND PITCHES-----    | 9,193  | -----                | -----     | -----   | 9,193             |

TON-MILES, LAKENISE, 811,446.

## INTERNAL

(SHORT TONS)

| COMMODITY                               | TOTAL     | RECEIPTS | SHIPMENTS | LOCAL   |           | THROUGH   |           |
|---|-----------|----------|-----------|---------|-----------|-----------|-----------|
|   |           |          |           | UPBOUND | DOWNBOUND | UPBOUND   | DOWNBOUND |
| TOTAL-----                              | 6,089,440 | 618,573  | 367,614   | 436,204 | 3,006,610 | 1,860,639 | -----     |
| 0103 CORN-----                          | 217,580   | -----    | -----     | -----   | -----     | 1,617     | 216,163   |
| 0104 OATS-----                          | 2,937     | -----    | -----     | -----   | -----     | 2,937     | -----     |
| 0107 WHEAT-----                         | 50,647    | -----    | -----     | -----   | -----     | -----     | 50,647    |
| 0111 SOYBEANS-----                      | 83,583    | -----    | -----     | -----   | -----     | -----     | 83,583    |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 7,319     | -----    | -----     | -----   | -----     | 7,319     | -----     |
| 1011 IRON ORE AND CONCENTRATES-----     | 16,437    | -----    | -----     | -----   | -----     | 16,437    | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 1,599     | -----    | -----     | -----   | -----     | 1,599     | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 60,590    | -----    | -----     | -----   | -----     | 40,590    | -----     |
| 1091 NONFERROUS ORES, CONCENT, NEC----- | 9,910     | -----    | -----     | -----   | -----     | 8,310     | 1,600     |
| 1121 COAL AND LIGNITE-----              | 1,360,293 | 1,600    | -----     | -----   | -----     | 1,267,943 | 90,750    |
| 1311 CRUDE PETROLEUM-----               | 163,115   | -----    | 163,115   | -----   | -----     | -----     | -----     |
| 1411 LIMESTONE-----                     | 24,259    | -----    | -----     | -----   | -----     | 1,415     | 22,844    |
| 1462 SAND, GRAVEL, CRUSHED ROCK-----    | 11,287    | 1,366    | -----     | 1,350   | -----     | 8,571     | -----     |
| 1451 CLAY-----                          | 1,411     | -----    | -----     | -----   | -----     | 1,411     | -----     |

CALUMET-SAG CHANNEL, ILL. (INCLUDED IN PORT OF CHICAGO,  
ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | RECEIPTS | SHIPMENTS | LOCAL   | THROUGH<br>UPBOUND | DOWNBOUND |
|---|---------|----------|-----------|---------|--------------------|-----------|
| 1499 NONMETALLIC MINERALS, NEC-----     | 108,744 | 4,570    | -----     | -----   | 104,174            | -----     |
| 1042 ANIMAL FEEDS-----                  | 15,621  | 2,764    | -----     | -----   | -----              | 12,857    |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 17,373  | -----    | -----     | -----   | 2,757              | 14,616    |
| 2061 SUGAR-----                         | 11,022  | -----    | -----     | -----   | 11,022             | -----     |
| 2062 MOLASSES-----                      | 73,724  | 60,432   | -----     | -----   | 13,292             | -----     |
| 1091 VEGETABLE OILS, MARG, SHORT-----   | 1,473   | 1,473    | -----     | -----   | -----              | -----     |
| 1421 LUMBER-----                        | 1,598   | -----    | -----     | -----   | 1,598              | -----     |
| 1631 VENEER, PLYWOOD, WORKED WOOD-----  | 2,557   | -----    | -----     | -----   | 2,557              | -----     |
| 1633 PAPER AND PAPERBOARD-----          | 5,022   | -----    | -----     | -----   | 5,022              | -----     |
| 1810 SODIUM HYDROXIDE-----              | 169,576 | 67,853   | -----     | -----   | 101,723            | -----     |
| 1811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 50,300  | -----    | -----     | -----   | -----              | 50,300    |
| 1813 ALCOHOLS-----                      | 161,668 | 126,338  | 1,347     | 9,083   | 9,061              | 16,039    |
| 1817 BENZENE AND TOLUENE-----           | 63,770  | -----    | -----     | 15,115  | 2,556              | 46,099    |
| 1818 SULPHURIC ACID-----                | 1,313   | -----    | -----     | -----   | 1,313              | -----     |
| 1819 BASIC CHEMICALS AND PROD, NEC----- | 323,641 | 80,586   | -----     | 116,755 | 66,949             | 59,351    |
| 1821 NITROGENOUS CHEM FERTILIZERS-----  | 157,057 | -----    | -----     | -----   | 127,697            | 29,360    |
| 1872 POTASSIUM CHEM FERTILIZERS-----    | 7,337   | -----    | -----     | -----   | 7,337              | -----     |
| 1873 PHOSPHATIC CHEM FERTILIZERS-----   | 10,994  | -----    | -----     | -----   | 10,994             | -----     |
| 1879 FERTILIZER AND MATERIALS, NEC----- | 10,534  | 1,467    | -----     | -----   | 9,067              | -----     |
| 1891 MISCELLANEOUS CHEMICAL PROD-----   | 50,890  | -----    | -----     | -----   | 27,829             | 23,061    |
| 1911 GASOLINE-----                      | 79,232  | 17,692   | 13,431    | 26,886  | 2,883              | 16,800    |
| 1913 KEROSENE-----                      | 5,015   | -----    | -----     | -----   | 5,015              | -----     |
| 1914 DISTILLATE FUEL OIL-----           | 65,008  | 11,201   | -----     | 40,945  | 93                 | 13,769    |
| 1915 RESIDUAL FUEL OIL-----             | 180,197 | 7,164    | 57,970    | 73,251  | 13,132             | 26,660    |
| 1916 LUBRICATING OILS AND GREASES-----  | 52,521  | -----    | -----     | -----   | -----              | 52,521    |
| 1917 NAPHTHA, PETROLEUM SOLVENTS-----   | 32,179  | -----    | -----     | -----   | 6,583              | 25,596    |
| 1918 ASPHALT, TAR, AND PITCHES-----     | 322,394 | -----    | 131,551   | 151,259 | 1,400              | 30,184    |
| 1920 COKE, PETROLEUM COKE-----          | 389,433 | 8,078    | -----     | -----   | 263,471            | 117,084   |
| 241 BUILDING CEMENT-----                | 19,169  | -----    | -----     | -----   | 19,169             | -----     |
| 271 LINE-----                           | 10,030  | -----    | -----     | -----   | 6,602              | 1,436     |
| 311 PIG IRON-----                       | 31,275  | 4,509    | -----     | -----   | 23,734             | 3,032     |
| 312 SLAG-----                           | 199,872 | -----    | -----     | -----   | 94,971             | 104,901   |
| 313 IRON AND STEEL PRIMARY FORMS-----   | 258,460 | -----    | -----     | -----   | 142,498            | 111,962   |
| 315 IRON, STEEL SHAPES, EXC SHEET-----  | 270,673 | 18,080   | -----     | -----   | 171,499            | 85,134    |
| 316 IRON AND STEEL PLATES, SHEETS-----  | 148,812 | 1,045    | -----     | -----   | 25,766             | 118,001   |
| 317 IRON AND STEEL PIPE AND TUBE-----   | 10,204  | -----    | -----     | -----   | 10,204             | -----     |
| 318 FERROALLOYS-----                    | 167,181 | 4,200    | -----     | -----   | 155,696            | 7,205     |
| 319 IRON AND STEEL PRODUCTS, NEC-----   | 49,887  | -----    | -----     | -----   | 6,565              | 43,322    |
| 323 LEAD AND ZINC, UNWORKED-----        | 8,312   | -----    | -----     | -----   | 8,312              | -----     |
| 324 ALUMINUM AND ALLOYS, UNWORKED-----  | 6,057   | -----    | -----     | -----   | 6,057              | -----     |
| 411 FABRICATED METAL PRODUCTS-----      | 340     | -----    | -----     | -----   | 300                | 40        |
| 511 MACHINERY, EXCEPT ELECTRICAL-----   | 2,314   | -----    | -----     | -----   | 1,114              | 1,200     |
| 731 SHIPS AND BOATS-----                | 214     | -----    | -----     | -----   | 130                | 86        |
| 011 IRON AND STEEL SCRAP-----           | 527,470 | 1,395    | -----     | -----   | 158,678            | 367,401   |
| 112 COMMODITIES, NEC-----               | 802     | -----    | -----     | -----   | 802                | -----     |

TON-MILES, INTERNAL, 134,175,602.

TONS, ALL TRAFFIC, 6,127,480.

TON-MILES, ALL TRAFFIC, 134,987,046.

# Waterborne Commerce of the United States, 1987

## MISSOURI RIVER DIVISION

MISSOURI RIVER, FORT BENTON, MONT., TO THE MOUTH  
(CONSOLIDATED REPORT)

SECTION INCLUDED: FORT BENTON, MONT., TO THE MOUTH OF THE MISSOURI RIVER, 2073.2 MILES. CONTROLLING DEPTH: FOR CONTROLLING DEPTH, AND PROJECT DEPTH, SEE INDIVIDUAL STRETCHES.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR   | VESSEL TRAFFIC (TONS) |                               | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS | YEAR   | VESSEL TRAFFIC (TONS) |                               | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS |
|--------|-----------------------|-------------------------------|---------------|--------------|------------|--------|-----------------------|-------------------------------|---------------|--------------|------------|
|        | COMMERCIAL            | WATERWAY IMPROVEMENT MATERIAL |               |              |            |        | COMMERCIAL            | WATERWAY IMPROVEMENT MATERIAL |               |              |            |
| 1978-- | 7,014,561             | 914,623                       | -----         | 7,929,184    | 166,749    | 1983-- | 5,802,681             | 496,786                       | -----         | 6,301,465    | 117,690    |
| 1979-- | 7,121,954             | 562,784                       | -----         | 7,684,736    | 128,417    | 1984-- | 6,063,742             | 322,463                       | -----         | 6,386,205    | 90,366     |
| 1980-- | 5,624,516             | 270,265                       | -----         | 5,914,775    | 124,671    | 1985-- | 5,999,033             | 472,385                       | -----         | 6,471,418    | 335,710    |
| 1981-- | 5,066,156             | 185,796                       | -----         | 5,251,952    | 133,676    | 1986-- | 6,505,805             | 484,973                       | -----         | 6,990,778    | 342,749    |
| 1982-- | 4,770,392             | 110,135                       | -----         | 4,880,527    | 128,718    | 1987-- | 6,485,554             | 250,414                       | -----         | 6,735,968    | 315,018    |

\* REVISED. THE INCREASE IS DUE TO NON-REPORTED TONNAGE IDENTIFIED BY NRD.

### FREIGHT TRAFFIC, 1987

#### DOMESTIC

##### (SHORT TONS)

| COMMODITY                               | TOTAL         | COASTWISE |           | INTERNAL  |           |           |           |
|---|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
|   |               | SHIPMENTS | UPBOUND   | DOWNBOUND |           | DOWNBOUND | UPBOUND   |
|   |               |           |           | INBOUND   | DOWNBOUND |           |           |
| TOTAL-----                              | 6,735,968     | 900       | 1,006,230 | 1,825     | 1,166,280 | 2,976,495 | 1,582,238 |
| 0103 CURN-----                          | 196,432       | -----     | -----     | -----     | 196,432   | -----     | -----     |
| 0106 SORGHUM GRAINS-----                | 43,605        | -----     | -----     | -----     | 43,605    | -----     | -----     |
| 0107 WHEAT-----                         | 128,137       | -----     | -----     | -----     | 128,137   | -----     | -----     |
| 0111 SOYBEANS-----                      | 306,537       | -----     | -----     | -----     | 306,337   | -----     | -----     |
| 0122 HAY AND FORAGE-----                | 1,533         | -----     | -----     | -----     | 1,333     | -----     | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 2,700         | -----     | 2,700     | -----     | -----     | -----     | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 6,193         | -----     | 6,193     | -----     | -----     | -----     | -----     |
| 1121 COAL AND LIGNITE-----              | 52,783        | -----     | 52,783    | -----     | -----     | -----     | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 4,080,542     | -----     | 16,992    | 1,825     | 27,375    | 2,703,785 | 1,330,365 |
| 1499 NONMETALLIC MINERALS, NEC-----     | 51,179        | -----     | 38,567    | -----     | 1,373     | -----     | 15,259    |
| 2018 TALLOW, ANIMAL FATS AND OILS-----  | 12,852        | -----     | -----     | -----     | 12,852    | -----     | -----     |
| 2042 ANIMAL FEEDS-----                  | 95,220        | -----     | 2,706     | -----     | 92,514    | -----     | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 91,326        | -----     | -----     | -----     | 91,326    | -----     | -----     |
| 2062 MOLASSES-----                      | 58,315        | -----     | 53,100    | -----     | 1,233     | -----     | 3,982     |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 32,301        | -----     | -----     | -----     | 11,970    | -----     | 20,331    |
| 2092 ANIMAL OILS AND FATS, NEC-----     | 1,183         | -----     | 1,183     | -----     | -----     | -----     | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----      | 4,658         | -----     | 4,658     | -----     | -----     | -----     | -----     |
| 2631 PAPER AND PAPERBOARD-----          | 1,147         | -----     | 1,147     | -----     | -----     | -----     | -----     |
| 2810 SODIUM HYDROXIDE-----              | 21,584        | -----     | 21,584    | -----     | -----     | -----     | -----     |
| 2815 ALCOHOLS-----                      | 18,160        | -----     | 18,160    | -----     | -----     | -----     | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 9,092         | -----     | 9,092     | -----     | -----     | -----     | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 298,344       | -----     | 112,474   | -----     | 107,361   | 25,831    | 52,678    |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 4,527         | -----     | 3,009     | -----     | -----     | -----     | 1,518     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 38,821        | -----     | 38,821    | -----     | -----     | -----     | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 273,638       | -----     | 273,638   | -----     | -----     | -----     | -----     |
| 2913 KEROSENE-----                      | 6,694         | -----     | 6,694     | -----     | -----     | -----     | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 5,000         | -----     | -----     | -----     | 5,400     | -----     | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 250,279       | -----     | 238,032   | -----     | 12,247    | -----     | -----     |
| 2920 COKE, PETROLEUM COKE-----          | 54,145        | -----     | 25,470    | -----     | 28,675    | -----     | -----     |
| 3241 BUILDING CEMENT-----               | 273,160       | -----     | 21,937    | -----     | 92,983    | 151,163   | 7,077     |
| 3312 SLAG-----                          | 2,667         | -----     | -----     | -----     | 2,667     | -----     | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 7,059         | -----     | 7,089     | -----     | -----     | -----     | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 7,289         | -----     | 7,289     | -----     | -----     | -----     | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 8,689         | -----     | 8,689     | -----     | -----     | -----     | -----     |
| 3318 FERROALLOYS-----                   | 7,987         | -----     | 7,987     | -----     | -----     | -----     | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 3,460         | -----     | 3,460     | -----     | -----     | -----     | -----     |
| 3511 FABRICATED METAL PRODUCTS-----     | 1,500         | -----     | 1,500     | -----     | -----     | -----     | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 5,031         | 900       | 4,081     | -----     | 50        | -----     | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 21,015        | -----     | 21,015    | -----     | -----     | -----     | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 250,414       | -----     | -----     | -----     | 1,650     | 91,734    | 157,030   |
| TOTAL TON-MILES:                        | 1,057,526,552 |           |           |           |           |           |           |

MISSOURI RIVER, KANSAS CITY TO THE MOUTH (INCLUDED IN  
TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)

SECTION INCLUDED: UPPER END OF QUINNARD BEND (NEAR KANSAS CITY) TO MOUTH, 374.8 MILES (1980 MILEAGE). CONTROLLING DEPTH: 9.0 FEET. PROJECT DEPTH: 4 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR   | VESSEL TRAFFIC (TONS) |                               | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS | YEAR   | VESSEL TRAFFIC (TONS) |                               | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS |
|--------|-----------------------|-------------------------------|---------------|--------------|------------|--------|-----------------------|-------------------------------|---------------|--------------|------------|
|        | COMMERCIAL            | WATERWAY IMPROVEMENT MATERIAL |               |              |            |        | COMMERCIAL            | WATERWAY IMPROVEMENT MATERIAL |               |              |            |
| 1978-- | 6,733,187             | 728,763                       | -----         | 7,461,950    | 51,894     | 1983-- | 4,896,435             | 248,834                       | -----         | 5,145,269    | 56,542     |
| 1979-- | 6,718,941             | 426,130                       | -----         | 7,145,075    | 57,114     | 1984-- | 5,755,627             | 230,305                       | -----         | 5,986,132    | 60,768     |
| 1980-- | 5,270,986             | 265,715                       | -----         | 5,536,701    | 53,971     | 1985-- | 5,671,116             | 292,146                       | -----         | 5,963,262    | 203,928    |
| 1981-- | 4,803,296             | 126,992                       | -----         | 4,932,288    | 60,412     | 1986-- | 6,256,924             | 296,917                       | -----         | 6,557,801    | 289,134    |
| 1982-- | 4,584,958             | 97,662                        | -----         | 4,682,640    | 55,436     | 1987-- | 6,124,213             | 191,725                       | -----         | 6,315,938    | 209,612    |

## MISSOURI RIVER DIVISION

19

MISSOURI RIVER, KANSAS CITY TO THE MOUTH (INCLUDED IN  
TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)--CONTINUED

FREIGHT TRAFFIC, 1987

OCEANGOING

(SHORT TONS)

| COMMODITY                              | TOTAL    |       |       |       |       |       |       | DOMESTIC<br>COASTWISE<br>SHIPMENTS |       |
|--|----------|-------|-------|-------|-------|-------|-------|------------------------------------|-------|
|  |          |       |       |       |       |       |       |                                    |       |
| TOTAL-----                             | -----    | ----- | ----- | ----- | ----- | ----- | ----- | 900                                | 900   |
| 3511 MACHINERY, EXCEPT ELECTRICAL----- | -----    | ----- | ----- | ----- | ----- | ----- | ----- | -----                              | 900   |
| TON-MILES, OCEANGOING, -----           | 337,500. | ----- | ----- | ----- | ----- | ----- | ----- | -----                              | ----- |

INTERNAL

(SHORT TONS)

| COMMODITY                               | TOTAL        | INBOUND |           | OUTBOUND |           | UPBOUND   | DOWNBOUND | THROUGH |           |
|---|--------------|---------|-----------|----------|-----------|-----------|-----------|---------|-----------|
|   |              | UPBOUND | DOWNBOUND | UPBOUND  | DOWNBOUND |           |           | UPBOUND | DOWNBOUND |
|   |              | UPBOUND | DOWNBOUND | UPBOUND  | DOWNBOUND |           |           | UPBOUND | DOWNBOUND |
| TOTAL-----                              | 6,315,036    | 595,358 | 33,056    | 151,163  | 669,397   | 2,775,371 | 1,114,938 | 412,872 | 562,003   |
| 0103 CORN-----                          | 196,432      | -----   | -----     | -----    | 123,761   | -----     | -----     | -----   | 72,671    |
| 0106 SORGHUM GRAINS-----                | 43,865       | -----   | -----     | -----    | 34,134    | -----     | -----     | -----   | 9,731     |
| 0107 WHEAT-----                         | 128,137      | -----   | -----     | -----    | 69,309    | -----     | -----     | -----   | 50,828    |
| 0111 SOYBEANS-----                      | 306,337      | -----   | -----     | -----    | 164,581   | -----     | -----     | -----   | 141,756   |
| 0122 HAY AND FODDER-----                | 1,333        | -----   | -----     | -----    | -----     | -----     | -----     | -----   | 1,333     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 2,700        | -----   | -----     | -----    | -----     | -----     | -----     | 2,700   | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 6,193        | 4,330   | -----     | -----    | -----     | -----     | -----     | 1,863   | -----     |
| 1121 COAL AND LIGNITE-----              | 52,783       | 52,783  | -----     | -----    | -----     | -----     | -----     | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 3,789,792    | 16,992  | 1,825     | -----    | 92,575    | 2,703,785 | 974,615   | -----   | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 51,179       | 15,092  | -----     | -----    | 1,373     | -----     | 13,239    | 21,475  | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 12,852       | -----   | -----     | -----    | -----     | -----     | -----     | -----   | 12,852    |
| 2042 ANIMAL FEEDS-----                  | 95,220       | -----   | -----     | -----    | 3,109     | -----     | -----     | 2,706   | 69,405    |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 91,526       | -----   | -----     | -----    | -----     | -----     | -----     | -----   | 91,326    |
| 2062 MOLASSES-----                      | 54,333       | 7,676   | -----     | -----    | -----     | -----     | -----     | 45,222  | 1,233     |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 11,970       | -----   | -----     | -----    | -----     | -----     | -----     | -----   | 11,970    |
| 2092 ANIMAL OILS AND FATS, NEC-----     | 1,163        | -----   | -----     | -----    | -----     | -----     | -----     | 1,163   | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----      | 4,858        | -----   | -----     | -----    | -----     | -----     | -----     | 8,058   | -----     |
| 2631 PAPER AND PAPERBOARD-----          | 1,147        | -----   | -----     | -----    | -----     | -----     | -----     | 1,147   | -----     |
| 2810 SODIUM HYDROXIDE-----              | 21,588       | 21,584  | -----     | -----    | -----     | -----     | -----     | -----   | -----     |
| 2813 ALCOHOLS-----                      | 18,160       | 1,894   | -----     | -----    | -----     | -----     | -----     | 16,266  | -----     |
| 2819 BASIC CHEMICALS AND PLNU, NEC----- | 9,092        | 9,092   | -----     | -----    | -----     | -----     | -----     | -----   | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 251,866      | 54,428  | 32,031    | -----    | 45,365    | -----     | -----     | 58,046  | 61,996    |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 4,527        | 1,408   | -----     | -----    | -----     | -----     | 1,518     | 1,601   | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 38,821       | 20,749  | -----     | -----    | -----     | -----     | -----     | 18,072  | -----     |
| 2879 FERTILIZER AND MATERIALS, REC----- | 273,638      | 140,489 | -----     | -----    | -----     | -----     | -----     | 133,149 | -----     |
| 2913 KEROSENE-----                      | 6,694        | -----   | -----     | -----    | -----     | -----     | -----     | 6,694   | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 5,900        | -----   | -----     | -----    | -----     | -----     | -----     | -----   | 5,900     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 250,279      | 152,220 | -----     | -----    | 9,165     | -----     | -----     | 85,812  | 3,082     |
| 2920 COKE, PETROLEUM COKE-----          | 54,145       | 25,470  | -----     | -----    | 28,675    | -----     | -----     | -----   | -----     |
| 3241 BUILDING CEMENT-----               | 273,160      | 21,937  | -----     | 151,163  | 92,983    | -----     | 7,077     | -----   | -----     |
| 3312 SLAG-----                          | 2,667        | -----   | -----     | -----    | 2,667     | -----     | -----     | -----   | -----     |
| 3314 IRON AND STEEL PRIMARY FORGS-----  | 7,089        | 1,914   | -----     | -----    | -----     | -----     | -----     | -----   | 5,175     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 7,284        | 7,289   | -----     | -----    | -----     | -----     | -----     | -----   | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 6,689        | 3,066   | -----     | -----    | -----     | -----     | -----     | -----   | 5,623     |
| 3318 FERROALLOYS-----                   | 7,987        | 6,687   | -----     | -----    | -----     | -----     | -----     | -----   | 1,300     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 5,460        | 5,460   | -----     | -----    | -----     | -----     | -----     | -----   | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 1,500        | 1,500   | -----     | -----    | -----     | -----     | -----     | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 4,131        | 4,081   | -----     | -----    | 50        | -----     | -----     | -----   | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 21,015       | 21,015  | -----     | -----    | -----     | -----     | -----     | -----   | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 191,725      | -----   | -----     | -----    | 1,650     | 71,586    | 118,489   | -----   | -----     |
| TON-MILES, INTERNAL, -----              | 768,885,530. | -----   | -----     | -----    | -----     | -----     | -----     | -----   | -----     |

TONS, ALL TRAFFIC, 6,315,938.  
TONS, ALL TRAFFIC, 769,223,030.MISSOURI RIVER, OMAHA TO KANSAS CITY (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, FORT BENTON TO THE MOUTH)SECTION INCLUDED: MILE 627, OMAHA, NEBR., TO MILE 374.8, UPPER END OF GUINDARO BEND (NEAR KANSAS CITY), 252.2 MILES (1968 MILEAGE).  
CONTROLLING DEPTH: 9.0 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL TRAFFIC (TONS) |                                     |           | PASSENGERS | YEAR      | VESSEL TRAFFIC (TONS) |                                     |           | PASSENGERS |
|-----------|-----------------------|-------------------------------------|-----------|------------|-----------|-----------------------|-------------------------------------|-----------|------------|
|           | COMMERCIAL            | WATERWAY<br>IMPROVEMENT<br>MATERIAL | TOTAL     |            |           | COMMERCIAL            | WATERWAY<br>IMPROVEMENT<br>MATERIAL | TOTAL     |            |
| 1978----- | 2,294,048             | 127,662                             | 2,421,710 | 94,946     | 1983----- | 1,664,298             | 249,950                             | 1,914,248 | 61,168     |
| 1979----- | 2,675,795             | 109,700                             | 2,595,495 | 65,551     | 1984----- | 2,084,075             | 73,766                              | 2,157,841 | 29,000     |
| 1980----- | 2,066,721             | 1,139                               | 2,067,860 | 70,700     | 1985----- | 1,752,676             | 166,619                             | 1,921,205 | 131,782    |
| 1981----- | 1,621,120             | 66,854                              | 1,667,974 | 73,264     | 1986----- | 1,387,443             | 132,606                             | 1,520,049 | 93,701     |
| 1982----- | 1,777,262             | 8,656                               | 1,785,912 | 70,126     | 1987----- | 1,518,503             | 46,189                              | 1,564,692 | 105,000    |

## Waterborne Commerce of the United States, 1987

MISSOURI RIVER, OMAHA TO KANSAS CITY (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, FORT BENTON TO THE MOUTH)--CONTINUED

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL |           |          |           |         |           |           |           |
|---|-----------|----------|-----------|----------|-----------|---------|-----------|-----------|-----------|
|   |           | INBOUND  |           | OUTBOUND |           | UPBOUND |           | DOWNBOUND |           |
|   |           | UPBOUND  | DOWNBOUND | UPBOUND  | DOWNBOUND | UPBOUND | DOWNBOUND | UPBOUND   | DOWNBOUND |
| TOTAL-----                              | 1,564,692 | 381,054  | 31,640    | 8,347    | 802,497   | 39,864  | 326,392   | 183,681   | 191,617   |
| 0103 CURN-----                          | 72,671    | -----    | -----     | -----    | 72,671    | -----   | -----     | -----     | -----     |
| 0106 SUREHUM GRAINS-----                | 9,731     | -----    | -----     | -----    | 9,731     | -----   | -----     | -----     | -----     |
| 0107 WHEAT-----                         | 58,828    | -----    | -----     | -----    | 58,828    | -----   | -----     | -----     | -----     |
| 0111 SOYBEANS-----                      | 141,756   | -----    | -----     | -----    | 140,935   | -----   | -----     | -----     | 821       |
| 0122 HAY AND FODDER-----                | 1,333     | -----    | -----     | -----    | -----     | -----   | -----     | -----     | 1,333     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 2,700     | 2,700    | -----     | -----    | -----     | -----   | -----     | -----     | -----     |
| 1061 MANGANESE OXES, CONCENTRATES-----  | 1,863     | -----    | -----     | -----    | -----     | -----   | -----     | 1,863     | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 290,550   | -----    | -----     | -----    | -----     | -----   | 290,550   | -----     | -----     |
| 1899 NUNMETALLIC MINERALS, VEC-----     | 21,475    | 21,475   | -----     | -----    | -----     | -----   | -----     | -----     | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 12,052    | -----    | -----     | -----    | -----     | -----   | -----     | -----     | 12,052    |
| 2042 ANIMAL FEEDS-----                  | 92,111    | 2,706    | -----     | -----    | 23,485    | -----   | -----     | -----     | 65,920    |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 91,326    | -----    | -----     | -----    | 10,847    | -----   | -----     | -----     | 80,479    |
| 2062 MULASSES-----                      | 50,437    | 28,901   | -----     | -----    | -----     | 3,982   | -----     | 16,521    | 1,233     |
| 2091 VEGETABLE OILS, MARL, SHORT-----   | 32,301    | -----    | 20,331    | -----    | 5,493     | -----   | -----     | -----     | 6,477     |
| 2092 ANIMAL OILS AND FAIS, NEC-----     | 1,163     | -----    | -----     | -----    | -----     | -----   | -----     | 1,163     | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----      | 4,858     | 4,858    | -----     | -----    | -----     | -----   | -----     | -----     | -----     |
| 2631 PAPER AND PAPERBOARD-----          | 1,147     | 1,147    | -----     | -----    | -----     | -----   | -----     | -----     | -----     |
| 2613 ALCOHOLS-----                      | 16,266    | 16,266   | -----     | -----    | -----     | -----   | -----     | -----     | -----     |
| 2671 NITROGENOUS CHEM FERTILIZERS-----  | 197,564   | 35,421   | 9,259     | 8,347    | 71,525    | 17,484  | 10,401    | 22,625    | 26,502    |
| 2672 POTASSIC CHEM FERTILIZERS-----     | 1,601     | 1,601    | -----     | -----    | -----     | -----   | -----     | -----     | -----     |
| 2673 PHOSPHATIC CHEM FERTILIZERS-----   | 18,072    | 9,088    | -----     | -----    | -----     | -----   | -----     | 8,988     | -----     |
| 2679 FERTILIZER AND MATERIALS, VEC----- | 133,149   | 59,279   | -----     | -----    | -----     | -----   | -----     | 73,070    | -----     |
| 2913 KEROSENE-----                      | 6,694     | 6,694    | -----     | -----    | -----     | -----   | -----     | -----     | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 5,900     | -----    | -----     | -----    | 5,900     | -----   | -----     | -----     | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 86,890    | 36,076   | -----     | -----    | 3,082     | -----   | -----     | 49,736    | -----     |
| 3241 BUILDING CEMENT-----               | 151,163   | 151,163  | -----     | -----    | -----     | -----   | -----     | -----     | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 5,175     | -----    | -----     | -----    | -----     | -----   | -----     | 5,175     | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 5,623     | 2,979    | -----     | -----    | -----     | -----   | -----     | 2,664     | -----     |
| 3318 FERROALLOYS-----                   | 1,300     | -----    | -----     | -----    | -----     | -----   | -----     | 1,300     | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 46,184    | 700      | 2,050     | -----    | -----     | 17,998  | 25,441    | -----     | -----     |
| TOTAL TON-MILES, 251,431,539.           |           |          |           |          |           |         |           |           |           |

MISSOURI RIVER, SIOUX CITY TO OMAHA (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, FORT BENTON TO THE MOUTH)

SECTION INCLUDED: MILE 734.8, SIOUX CITY, IOWA, TO MILE 627, OMAHA, NEBR., 107.8 MILES (1960 MILEAGE). CONTROLLING DEPTH: 9.0 FEET.  
PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL TRAFFIC (TONS) |                                     |         | PASSENGERS | YEAR      | VESSEL TRAFFIC (TONS) |                                     |         | PASSENGERS |
|-----------|-----------------------|-------------------------------------|---------|------------|-----------|-----------------------|-------------------------------------|---------|------------|
|           | COMMERCIAL            | WATERWAY<br>IMPROVEMENT<br>MATERIAL | TOTAL   |            |           | COMMERCIAL            | WATERWAY<br>IMPROVEMENT<br>MATERIAL | TOTAL   |            |
| 1978----- | 550,440               | 69,016                              | 619,456 | 28,561     | 1983----- | 453,239               | -----                               | 453,239 | -----      |
| 1979----- | 526,257               | 23,000                              | 551,237 | 5,133      | 1984----- | 527,043               | 24,500                              | 551,543 | -----      |
| 1980----- | 370,324               | 24,550                              | 394,874 | -----      | 1985----- | 466,854               | 17,750                              | 484,604 | -----      |
| 1981----- | 347,942               | 55,604                              | 403,546 | -----      | 1986----- | 402,376               | 34,300                              | 436,676 | -----      |
| 1982----- | 369,661               | 11,400                              | 381,261 | -----      | 1987----- | 414,222               | 15,250                              | 429,472 | 429,472    |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |           |          |           |
|---|---------|----------|-----------|----------|-----------|
|   |         | INBOUND  |           | OUTBOUND |           |
|   |         | UPBOUND  | DOWNBOUND | UPBOUND  | DOWNBOUND |
| TOTAL-----                              | 429,472 | 192,028  | 223,957   | 2,150    | 11,337    |
| 0111 SOYBEANS-----                      | 621     | -----    | -----     | 621      | -----     |
| 0122 HAY AND FODDER-----                | 1,333   | -----    | -----     | 1,333    | -----     |
| 1061 MANGANESE OXES, CONCENTRATES-----  | 1,063   | 1,063    | -----     | -----    | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 12,852  | -----    | -----     | 12,852   | -----     |
| 2042 ANIMAL FEEDS-----                  | 65,920  | -----    | -----     | 65,920   | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 80,479  | -----    | -----     | 80,479   | -----     |
| 2062 MULASSES-----                      | 17,554  | 16,321   | 1,233     | -----    | -----     |
| 2091 VEGETABLE OILS, MARL, SHORT-----   | 26,000  | -----    | -----     | 26,000   | -----     |
| 2092 ANIMAL OILS AND FAIS, NEC-----     | 1,163   | 1,163    | -----     | -----    | -----     |
| 2671 NITROGENOUS CHEM FERTILIZERS-----  | 63,720  | 50,972   | 31,761    | -----    | 987       |
| 2673 PHOSPHATIC CHEM FERTILIZERS-----   | 8,764   | 8,984    | -----     | -----    | -----     |
| 2679 FERTILIZER AND MATERIALS, NEC----- | 73,070  | 73,870   | -----     | -----    | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 49,736  | 49,736   | -----     | -----    | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 5,175   | 5,175    | -----     | -----    | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 2,684   | 2,684    | -----     | -----    | -----     |
| 3318 FERROALLOYS-----                   | 1,500   | 1,390    | -----     | -----    | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 15,250  | -----    | 2,750     | 2,150    | 10,350    |
| TOTAL TON-MILES, 36,871,763.            |         |          |           |          |           |

## MISSOURI RIVER DIVISION

21

PORT OF KANSAS CITY (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, KANSAS CITY TO THE MOUTH)

SECTION INCLUDED: MISSOURI RIVER, MILE 374.8 TO MILE 353.6 (1960 MILEAGE). CONTROLLING DEPTH: 9.0 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 2,274,466 | 1983----- | 1,527,466 |
| 1979----- | 1,902,840 | 1984----- | 1,778,123 |
| 1980----- | 1,681,651 | 1985----- | 2,033,068 |
| 1981----- | 1,658,631 | 1986----- | 2,582,340 |
| 1982----- | 1,336,623 | 1987----- | 2,204,169 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                  | TOTAL     | INTERNAL |           | LOCAL     |
|--|-----------|----------|-----------|-----------|
|  |           | RECEIPTS | SHIPMENTS |           |
| TOTAL-----                                 | 2,204,169 | 424,957  | 500,432   | 1,279,780 |
| 0103 CORN-----                             | 1,367     | -----    | 1,367     | -----     |
| 0106 SORGHUM GRAINS-----                   | 31,463    | -----    | 31,463    | -----     |
| 0107 WHEAT-----                            | 62,587    | -----    | 62,587    | -----     |
| 0111 SOYBEANS-----                         | 55,125    | -----    | 55,125    | -----     |
| 1061 MANGANESE OXIDE, CONCENTRATES-----    | 4,330     | 4,330    | -----     | -----     |
| 1121 COAL AND LIGNITE-----                 | 52,783    | 52,783   | -----     | -----     |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----       | 1,278,780 | -----    | -----     | 1,278,780 |
| 1699 NONMETALLIC MINERALS, NEC-----        | 17,534    | 2,922    | 14,612    | -----     |
| 2042 ANIMAL FEEDS-----                     | 3,109     | -----    | 3,109     | -----     |
| 2812 SODIUM HYDROXIDE-----                 | 21,584    | 21,584   | -----     | -----     |
| 2813 ALCOHOLS-----                         | 1,894     | 1,894    | -----     | -----     |
| 2819 BASIC CHEMICALS AND PIGMENT, NEC----- | 9,092     | 9,092    | -----     | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----     | 56,655    | 11,890   | 45,365    | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----        | 1,518     | -----    | 1,518     | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----      | 9,607     | 9,607    | -----     | -----     |
| 2875 FERTILIZER AND MATERIALS, NEC-----    | 84,713    | 84,713   | -----     | -----     |
| 2910 ASPHALT, TAR, AND PITCHES-----        | 161,385   | 152,220  | 9,165     | -----     |
| 2920 COKE, PETROLEUM COKE-----             | 54,145    | 25,870   | 28,675    | -----     |
| 3241 BUILDING CEMENT-----                  | 247,466   | -----    | 247,466   | -----     |
| 3311 IRON AND STEEL PRIMARY FORMS-----     | 1,914     | 1,914    | -----     | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----    | 7,289     | 7,289    | -----     | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-----    | 3,066     | 3,066    | -----     | -----     |
| 3318 FERROALLOYS-----                      | 6,687     | 6,687    | -----     | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----     | 3,460     | 3,460    | -----     | -----     |
| 3411 FABRICATED METAL PRODUCTS-----        | 1,500     | 1,500    | -----     | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----     | 3,921     | 3,921    | -----     | -----     |
| 6011 IRON AND STEEL SCRAP-----             | 21,015    | 21,015   | -----     | -----     |

*Waterborne Commerce of the United States, 1987*  
**NASHVILLE, TN, DISTRICT**

CUMBERLAND RIVER, MOUTH TO MILE 552  
 (CONSOLIDATED REPORT)

SECTION INCLUDED: MOUTH TO MILE 552. FOR CONTROLLING AND PROJECT DEPTHS, SEE INDIVIDUAL STRETCHES.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1978----- | 12,396,898 | 116,506    | 1983----- | 11,475,102 | 194,036    |
| 1979----- | 15,162,573 | 103,864    | 1984----- | 14,118,586 | 166,123    |
| 1980----- | 12,348,920 | 137,372    | 1985----- | 14,205,611 | 245,143    |
| 1981----- | 10,441,004 | 164,742    | 1986----- | 22,882,877 | 569,780    |
| 1982----- | 11,393,161 | 179,394    | 1987----- | 15,289,601 | 648,851    |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL                 | INTERNAL          |                  |            |               |                | THROUGH      |     |
|--|-----------------------|-------------------|------------------|------------|---------------|----------------|--------------|-----|
|  |                       | INBOUND           | OUTBOUND         | UPBOUND    | DOWNSOUND     | UPBOUND        | DOWNSOUND    |     |
| <b>TOTAL</b> -----                       | <b>15,289,601</b>     | <b>11,434,081</b> | <b>3,715,564</b> | <b>220</b> | <b>12,393</b> | <b>119,243</b> | <b>8,100</b> |     |
| 0103 CORN-----                           | 58,038                | 1,400             | 52,161           |            |               |                | 6,877        |     |
| 0107 WHEAT-----                          | 49,429                |                   | 49,429           |            |               |                |              |     |
| 0111 SOYBEANS-----                       | 81,751                |                   | 78,795           |            |               |                | 2,956        |     |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 93,578                | 93,578            |                  |            |               |                |              |     |
| 1121 COAL AND LIGNITE-----               | 6,827,668             | 6,781,842         | 5,963            |            | 6,400         | 25,695         | 5,768        |     |
| 1311 CRUDE PETROLEUM-----                | 36,000                |                   | 36,000           |            |               |                |              |     |
| 1411 LIMESTONE-----                      | 1,793,136             |                   | 1,793,136        |            |               |                |              |     |
| 1471 PHOSPHATE ROCK-----                 | 2,725                 |                   | 2,725            |            |               |                |              |     |
| 1499 NONMETALLIC MINERALS, NEC-----      | 2,596,026             | 2,507,940         | 1,406            |            | 1,365         | 86,115         |              |     |
| 2042 ANIMAL FEEDS-----                   | 1,400                 | 1,400             |                  |            |               |                |              |     |
| 2069 GRAIN MILL PRODUCTS, NEC-----       | 2,765                 |                   | 2,765            |            |               |                |              |     |
| 2061 SUGAR-----                          | 9,917                 | 9,917             |                  |            |               |                |              |     |
| 2621 STANDARD NEWSPRINT PAPER-----       | 670                   | 670               |                  |            |               |                |              |     |
| 2813 ALCOHOLS-----                       | 39,228                | 33,670            | 5,558            |            |               |                |              |     |
| 2818 SULPHURIC ACID-----                 | 47,236                | 5,998             | 41,238           |            |               |                |              |     |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 207,405               | 207,185           |                  | 220        |               |                |              |     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 28,749                | 28,749            |                  |            |               |                |              |     |
| 2872 POTASSIUM CHEM FERTILIZERS-----     | 27,688                | 27,688            |                  |            |               |                |              |     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 1,617                 | 1,617             |                  |            |               |                |              |     |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 18,828                | 18,828            |                  |            |               |                |              |     |
| 2911 GASOLINE-----                       | 150,766               | 150,766           |                  |            |               |                |              |     |
| 2918 DISTILLATE FUEL OIL-----            | 48,608                | 48,608            |                  |            |               |                |              |     |
| 2915 RESIDUAL FUEL OIL-----              | 8,067                 | 8,067             |                  |            |               |                |              |     |
| 2916 LUBRICATING OILS AND GREASES-----   | 1,131                 | 1,131             |                  |            |               |                |              |     |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 473,846               | 473,846           |                  |            |               |                |              |     |
| 2920 COKE, PETROLEUM COKE-----           | 32,399                | 30,949            | 1,450            |            |               |                |              |     |
| 3241 BUILDING CEMENT-----                | 678,062               | 678,062           |                  |            |               |                |              |     |
| 3271 LIME-----                           | 11,159                |                   | 8,511            |            | 2,628         |                |              |     |
| 3312 SLAG-----                           | 1,400                 |                   |                  |            |               |                | 1,400        |     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 60,033                |                   |                  |            |               |                |              |     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 185,965               | 180,086           | 3,879            |            |               |                |              |     |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 62,118                | 62,118            |                  |            |               |                |              |     |
| 3318 FERRODALLYS-----                    | 8,698                 | 4,258             | 4,440            |            |               |                |              |     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 7,693                 | 7,683             |                  |            |               |                |              |     |
| 3324 ALUMINUM AND ALLOYS, UNROUNDED----- | 662                   | 662               |                  |            |               |                |              |     |
| 3401 FABRICATED METAL PRODUCTS-----      | 1,457                 | 1,457             |                  |            |               |                |              |     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 3,689                 | 225               | 2,532            |            |               |                |              | 932 |
| 3791 MISC TRANSPORTATION EQUIPMENT-----  | 14                    |                   | 14               |            |               |                |              |     |
| 4011 IRON AND STEEL SCRAP-----           | 164,818               | 1,568             | 163,250          |            |               |                |              |     |
| 4012 NONFERROUS METAL SCRAP-----         | 4,649                 |                   | 4,649            |            |               |                |              |     |
| 4118 WATERWAY IMPROVEMENT MAT-----       | 1,461,303             | 3,680             | 1,457,663        |            |               |                |              |     |
| <b>TOTAL TON-MILES.</b>                  | <b>1,460,954,198.</b> |                   |                  |            |               |                |              |     |

CUMBERLAND RIVER, MOUTH TO NASHVILLE, TENN. (INCLUDED IN  
 TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 552)

SECTION INCLUDED: MOUTH TO MILE 300, NEAR CARTAGE, TN. CONTROLLING DEPTH: AT LEAST 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1978----- | 12,396,898 | 116,506    | 1983----- | 11,475,102 | 169,324    |
| 1979----- | 15,162,573 | 103,864    | 1984----- | 14,023,863 | 140,611    |
| 1980----- | 12,348,920 | 137,372    | 1985----- | 14,205,611 | 200,333    |
| 1981----- | 10,441,004 | 164,742    | 1986----- | 22,996,733 | 399,132    |
| 1982----- | 11,393,161 | 179,394    | 1987----- | 15,278,684 | 470,164    |

## NASHVILLE, TN, DISTRICT

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CUMBERLAND RIVER, MOUTH TO NASHVILLE, TENN. (INCLUDED IN TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 552)--CONTINUED

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL      | INTERNAL   |           |         |           |
|---|------------|------------|-----------|---------|-----------|
|   |            | INBOUND    | OUTBOUND  | UPBOUND | DOWNBOUND |
| TOTAL                                   | 15,278,684 | 10,752,776 | 3,668,474 | 803,176 | 54,250    |
| 0103 CORN-----                          | 56,038     | 1,400      | 52,161    | 4,677   | -----     |
| 0107 WHEAT-----                         | 49,429     | -----      | 49,429    | -----   | -----     |
| 0111 SOYBEANS-----                      | 81,751     | -----      | 78,795    | 2,956   | -----     |
| 1091 NONFERROUS ORES, CONCENT., VEC     | 93,578     | 93,578     | -----     | -----   | -----     |
| 1121 COAL AND LIGNITE-----              | 6,819,268  | 6,465,272  | 2,963     | 344,265 | 8,768     |
| 1311 CRUDE PETROLEUM-----               | 36,000     | -----      | -----     | -----   | 36,000    |
| 1411 LIMESTONE-----                     | 1,793,136  | -----      | 1,793,136 | -----   | -----     |
| 1471 PHOSPHATE ROCK-----                | 2,725      | -----      | 2,725     | -----   | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 2,595,461  | 2,364,940  | 1,406     | 229,115 | -----     |
| 2042 ANIMAL FEEDS-----                  | 1,400      | 1,400      | -----     | -----   | -----     |
| 2089 GRAIN MILL PRODUCTS, NEC-----      | 2,765      | -----      | 2,765     | -----   | -----     |
| 2061 SUGAR-----                         | 9,917      | 9,917      | -----     | -----   | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----      | 670        | 670        | -----     | -----   | -----     |
| 2813 ALCOHOLS-----                      | 39,226     | 23,871     | -----     | 9,799   | 5,558     |
| 2818 SULPHURIC ACID-----                | 47,236     | 5,998      | 41,238    | -----   | -----     |
| 2819 BASIC CHEMICALS AND PROD., VEC     | 207,185    | -----      | -----     | 207,185 | -----     |
| 2871 VITROGELOUS CHEM FERTILIZERS-----  | 28,749     | 28,749     | -----     | -----   | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 27,888     | 27,888     | -----     | -----   | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 1,617      | 1,617      | -----     | -----   | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 18,828     | 18,828     | -----     | -----   | -----     |
| 2911 GASOLINE-----                      | 150,766    | 150,766    | -----     | -----   | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 48,008     | 46,909     | -----     | 1,699   | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 8,067      | 5,067      | -----     | -----   | -----     |
| 2916 LUBRICATING OILS AND GREASES-----  | 1,151      | 1,151      | -----     | -----   | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 473,846    | 473,846    | -----     | -----   | -----     |
| 2920 COKE, PETROLEUM COKE-----          | 32,599     | 30,949     | 1,450     | -----   | -----     |
| 3281 BUILDING CEMENT-----               | 678,062    | 678,062    | -----     | -----   | -----     |
| 3271 LIME-----                          | 11,139     | 2,628      | 8,511     | -----   | -----     |
| 3312 SLAG-----                          | 1,400      | -----      | -----     | -----   | 1,400     |
| 3313 IRON AND STEEL PRIMARY FORGS-----  | 60,033     | 60,033     | -----     | -----   | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 183,965    | 180,006    | 3,879     | -----   | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 62,118     | 62,118     | -----     | -----   | -----     |
| 3318 FERROALLOYS-----                   | 6,698      | 4,258      | 4,440     | -----   | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 7,693      | 7,693      | -----     | -----   | -----     |
| 3324 ALUMINUM AND ALLOYS, UNROKED-----  | 862        | 862        | -----     | -----   | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 1,457      | 1,457      | -----     | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 2,757      | 225        | -----     | -----   | 2,532     |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 14         | -----      | 14        | -----   | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 164,818    | 1,568      | 163,250   | -----   | -----     |
| 4012 NONFERROUS METAL SCRAP-----        | 4,649      | -----      | 4,649     | -----   | -----     |
| 8118 WATERWAY IMPROVEMENT MAT-----      | 1,461,343  | -----      | 1,457,663 | 3,680   | -----     |
| TOTAL TON-MILES, 1,424,966,398.         |            |            |           |         |           |

CUMBERLAND RIVER, NASHVILLE, TENN., TO MILE 552 (INCLUDED IN TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 552)

SECTION INCLUDED: CUMBERLAND RIVER, MILE 300 TO MILE 381. CONTROLLING DEPTH: 8 FEET, MILE 300 TO CELINA, TENN., MILE 381; 1 FOOT THEREFROM TO WOLF CREEK DAM, MILE 460.9; 9 FEET ABOVE WOLF CREEK DAM TO THE MOUTH OF LAUREL RIVER, MILE 552. PROJECT DEPTH: 9 FEET, MILE 381, PRESENT HEAD OF THROUGH NAVIGATION.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 550,936 | 1985----- | 358,638 |
| 1979----- | 267,012 | 1984----- | 372,163 |
| 1980----- | 271,206 | 1985----- | 457,724 |
| 1981----- | 351,733 | 1986----- | 614,604 |
| 1982----- | 247,295 | 1987----- | 743,636 |

\* PASSENGERS--479,770.

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                              | TOTAL   | INTERNAL |          |         |           |
|--|---------|----------|----------|---------|-----------|
|  |         | INBOUND  | OUTBOUND | UPBOUND | DOWNBOUND |
| TOTAL                                  | 143,636 | 663,933  | 19,718   | 220     | 9,785     |
| 1121 COAL AND LIGNEOUS FUELS-----      | 329,970 | 319,570  | 3,000    | -----   | 8,400     |
| 1311 CRUDE PETROLEUM-----              | 36,000  | -----    | 36,000   | -----   | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----    | 144,365 | 103,000  | -----    | -----   | 1,365     |
| 2813 ALCOHOLS-----                     | 15,557  | 9,799    | 5,558    | -----   | -----     |
| 2819 BASIC CHEMICALS AND PROD., VEC    | 207,405 | 207,185  | -----    | 220     | -----     |
| 2914 DISTILLATE FUEL OIL-----          | 1,699   | 1,699    | -----    | -----   | -----     |
| 3271 LIME-----                         | 2,628   | -----    | 2,628    | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL----- | 2,532   | -----    | 2,532    | -----   | -----     |
| 8118 WATERWAY IMPROVEMENT MAT-----     | 3,650   | 3,680    | -----    | -----   | -----     |
| TOTAL TON-MILES, 35,947,800.           |         |          |          |         |           |

## Waterborne Commerce of the United States, 1987

PORT OF NASHVILLE, TENN. (INCLUDED IN TRAFFIC OF CUMBERLAND RIVER, TENN. AND KY.)

SECTION INCLUDED: BOTH BANKS OF CUMBERLAND RIVER, MILE 182 TO MILE 194. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 2,871,392 | 1983----- | 2,522,731 |
| 1979----- | 2,671,506 | 1984----- | 2,165,573 |
| 1980----- | 1,747,665 | 1985----- | 3,704,616 |
| 1981----- | 2,041,289 | 1986----- | 3,734,667 |
| 1982----- | 1,844,803 | 1987----- | 3,055,615 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                  | TOTAL     | INTERNAL  |           |
|--|-----------|-----------|-----------|
|  |           | RECEIPTS  | SHIPMENTS |
| TOTAL-----                                 | 3,655,015 | 3,484,859 | 170,156   |
| 1091 NONFERROUS OXIDES, CONCENT., NEC----- | 1,329     | 1,329     | -----     |
| 1121 COAL AND LIGNITE-----                 | 1,564     | 1,564     | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----        | 1,966,958 | 1,966,958 | -----     |
| 2082 ANIMAL FEEDS-----                     | 1,800     | 1,400     | 400       |
| 2061 SUGAR-----                            | 9,917     | 9,917     | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----         | 670       | 670       | -----     |
| 2613 ALCOHOLS-----                         | 23,871    | 23,871    | -----     |
| 2818 SULPHURIC ACID-----                   | 5,998     | 5,998     | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----     | 13,636    | 13,636    | -----     |
| 2872 POTASSIUM CHEM FERTILIZERS-----       | 6,132     | 6,132     | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC-----    | 4,659     | 4,659     | -----     |
| 2911 GASOLINE-----                         | 149,209   | 149,209   | -----     |
| 2914 DISTILLATE FUEL OIL-----              | 46,909    | 46,909    | -----     |
| 2915 RESIDUAL FUEL OIL-----                | 1,349     | 1,349     | -----     |
| 2916 LUBRICATING OILS AND GREASES-----     | 1,131     | 1,131     | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----        | 304,235   | 304,235   | -----     |
| 2920 COKE, PETROLEUM COKE-----             | 22,698    | 21,248    | 1,450     |
| 3201 BUILDING CEMENT-----                  | 678,062   | 678,062   | -----     |
| 3318 IRON AND STEEL PRIMARY FORMS-----     | 38,922    | 38,922    | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----    | 168,785   | 168,906   | 3,879     |
| 3316 IRON AND STEEL PLATES, SHEETS-----    | 30,995    | 30,995    | -----     |
| 3318 FERROALLOYS-----                      | 6,698     | 4,258     | 4,640     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----     | 5,244     | 5,244     | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----    | 689       | 689       | -----     |
| 4011 IRON AND STEEL SCRAP-----             | 161,955   | 1,560     | 160,387   |

## TENNESSEE RIVER, TENN., ALA., AND KY.

SECTION INCLUDED: MOUTH TO KNOXVILLE, TENN. (HEAD OF RIVER), 652.2 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1978----- | 31,634,492 | 57,218     | 1983----- | 27,958,185 | 18,100     |
| 1979----- | 31,398,039 | 17,758     | 1984----- | 33,204,963 | 9,454      |
| 1980----- | 29,396,552 | 17,910     | 1985----- | 36,482,648 | 87,733     |
| 1981----- | 26,004,615 | 47,114     | 1986----- | 39,592,766 | 161,312    |
| 1982----- | 25,513,442 | 515,074    | 1987----- | 41,706,005 | 4,524      |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                  | TOTAL      | COASTWISE |           | INTERNAL   |           |           |           | THROUGH   |           |
|--|------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|
|  |            | RECEIPTS  | SHIPMENTS | INBOUND    | OUTBOUND  | UPBOUND   | DOWNBOUND | UPBOUND   | DOWNBOUND |
| TOTAL-----                                 | 41,706,005 | 21        | 300       | 15,034,967 | 9,740,614 | 5,709,243 | 2,309,488 | 7,997,711 | 914,656   |
| J103 CEMENT-----                           | 1,762,874  | -----     | -----     | 1,714,908  | 56,439    | 167,188   | -----     | 5,687     | 18,052    |
| J104 OILS-----                             | 34,129     | -----     | -----     | 32,999     | -----     | 1,130     | -----     | -----     | -----     |
| J106 SODIUM CHLORIDE-----                  | 73,220     | -----     | -----     | -----      | 21,454    | 1,366     | -----     | -----     | -----     |
| J107 MEAT-----                             | 525,444    | -----     | -----     | 409,385    | 57,465    | 30,848    | -----     | -----     | 27,746    |
| J111 BUCKEYES-----                         | 726,702    | -----     | -----     | 531,286    | 43,670    | 105,218   | -----     | -----     | 46,528    |
| J122 HAY AND FORAGE-----                   | 1,353      | -----     | -----     | 1,333      | -----     | -----     | -----     | -----     | -----     |
| J131 THORIUM AND URANIUM CONCENTRATES----- | 46,342     | -----     | -----     | 24,323     | 22,019    | -----     | -----     | -----     | -----     |
| J151 ALUMINUM OXIDE, CONCENTRATES-----     | 5,842      | -----     | -----     | 2,927      | -----     | -----     | -----     | 2,965     | -----     |
| J161 MAGNETIC OXIDE, CONCENTRATES-----     | 69,270     | -----     | -----     | 6,458      | 64,812    | -----     | -----     | -----     | -----     |
| J191 NONFERROUS OXIDES, CONCENT., NEC----- | 292,054    | -----     | -----     | 126,077    | 90,251    | -----     | 4,697     | 7,030     | 54,027    |
| J121 COAL AND LIGNITE-----                 | 20,336,059 | -----     | -----     | 7,625,255  | 2,136,345 | 4,225,443 | 893,892   | 5,172,621 | 282,463   |
| J131 CRUDE PETROLEUM-----                  | 5,899      | -----     | -----     | -----      | -----     | 40        | -----     | -----     | 5,859     |
| J141 LIVESTOCK-----                        | 903,659    | -----     | -----     | -----      | 446,893   | 279,145   | -----     | 177,000   | 1,623     |
| J402 SAND, GRAVEL, CRUSHED ROCK-----       | 4,926,181  | -----     | -----     | 115,982    | 2,639,249 | 643,148   | 1,296,648 | 175,194   | 6,000     |
| J451 CLAY-----                             | 3,055      | -----     | -----     | -----      | -----     | -----     | 3,055     | -----     | -----     |
| J479 NATURAL FERTILIZER MATS, NEC-----     | 1,350      | -----     | -----     | 1,350      | -----     | -----     | -----     | -----     | -----     |
| J494 GYPSUM, CRUDE AND PLASTERS-----       | 68,486     | -----     | -----     | 68,486     | -----     | -----     | -----     | -----     | -----     |
| J499 NONMETALLIC MINERALS, NEC-----        | 837,402    | -----     | -----     | 362,313    | -----     | -----     | -----     | 473,650   | 1,039     |

## NASHVILLE, TN, DISTRICT

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TENNESSEE RIVER, TENN., ALA., AND KY.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                             | TOTAL         | COASTWISE |           | INTERNAL  |          |         |           | THROUGH |           |
|---------------------------------------|---------------|-----------|-----------|-----------|----------|---------|-----------|---------|-----------|
|                                       |               | RECEIPTS  | SHIPMENTS | INBOUND   | OUTBOUND | UPBOUND | DOWNBOUND | UPBOUND | DOWNBOUND |
| 2014 TALLOW, ANIMAL FATS & OILS--     | 5,573         |           |           |           |          | 5,573   |           |         |           |
| 2042 ANIMAL FEEDS--                   | 538,294       |           |           | 105,235   | 431,659  |         |           | 1,400   |           |
| 2049 GRAIN MILL PRODUCTS, VEC--       | 159,769       |           |           | 12,777    | 139,776  |         | 4,451     |         | 2,765     |
| 2061 SUGAR--                          | 9,917         |           |           |           |          |         |           | 9,917   |           |
| 2091 VEGETABLE OILS, WAX, SHORT--     | 116,991       |           |           | 15,617    | 39,510   | 61,864  |           |         |           |
| 2411 LOGS--                           | 105,420       |           |           |           | 105,234  |         |           |         | 40,186    |
| 2415 PULPWOOD, LOG--                  | 10,296        |           |           |           |          | 156     | 10,160    |         |           |
| 2416 KUDZU CHIPS, STAVES, WILINGS--   | 426,560       |           |           |           | 577,177  |         |           | 47,144  | 4,239     |
| 2421 LUMBER--                         | 1,500         |           |           | 1,500     |          |         |           |         |           |
| 2611 PULP--                           | 6,539         |           |           |           |          | 6,069   | 130       |         |           |
| 2621 STANDARD NEWSPRINT PAPER--       | 39,670        |           |           |           |          |         |           | 670     | 39,000    |
| 2631 PAPER AND PAPERBOARD--           | 113,536       |           |           |           |          | 88,687  | 22,074    |         | 2,375     |
| 2810 SODIUM HYDROXIDE--               | 350,497       |           |           | 172,492   | 122,464  | 25,190  | 4,083     |         | 26,268    |
| 2811 CHOLE TAR, OIL, GAS PRODUCTS--   | 113,342       |           |           | 92,040    | 21,322   |         |           |         |           |
| 2813 ALCOHOLS--                       | 73,015        |           |           | 33,780    |          |         |           | 32,277  | 6,958     |
| 2814 SULPHURIC ACID--                 | 79,058        |           |           | 68,115    |          | 100     | 4,845     | 5,998   |           |
| 2817 BASIC CHEMICALS AND PHOS, VEC--  | 1,043,893     |           |           | 775,362   | 51,058   | 894     | 62        | 189,964 | 43,553    |
| 2822 SYNTHETIC RUBBER--               | 793           |           |           |           |          |         | 793       |         |           |
| 2961 GUM AND MUDD CHEMICALS--         | 1,482         |           |           |           |          | 380     | 1,102     |         |           |
| 2971 NITROGENOUS CHEM FERTILIZERS--   | 230,037       |           |           | 117,806   | 81,354   |         |           | 25,940  | 4,937     |
| 2972 POTASSIC CHEM FERTILIZERS--      | 108,369       |           |           | 82,260    |          |         |           | 26,109  |           |
| 2973 PHOSPHATIC CHEM FERTILIZERS--    | 10,733        |           |           | 7,516     | 1,600    |         |           | 1,617   |           |
| 2979 FERTILIZERS AND MATERIALS, VEC-- | 111,816       |           |           | 90,531    | 2,457    |         |           | 18,828  |           |
| 2891 MISCELLANEOUS CHEMICAL PROD--    | 101,780       |           |           | 68,200    | 4,340    |         | 24,840    |         | 4,400     |
| 2911 GASOLINE--                       | 679,513       |           |           | 504,546   | 18,978   |         |           | 147,539 | 8,450     |
| 2912 JET FUEL--                       | 13,531        |           |           | 1,634     |          |         |           |         | 11,097    |
| 2913 KEROSENE--                       | 1,808         |           |           | 1,808     |          |         |           |         |           |
| 2914 DISTILLATE FUEL OIL--            | 437,524       |           |           | 314,068   | 24,118   | 11,600  | 26,675    | 46,909  | 14,154    |
| 2915 RESIDUAL FUEL OIL--              | 310,694       |           |           | 295,538   | 3,486    |         | 275       | 5,860   | 5,515     |
| 2916 LUBRICATING OILS AND GREASES--   | 24,517        |           |           | 23,386    |          |         |           | 1,151   |           |
| 2917 NAPHTHA, PETROLEUM SOLVENTS--    | 116,953       |           |           |           | 115,263  |         |           |         | 1,690     |
| 2918 ASPHALT, TAR, AND PITCHES--      | 713,571       |           |           | 351,481   | 3,022    |         |           | 333,548 | 25,520    |
| 2920 COKE, PETROLEUM COKE--           | 353,701       |           |           | 318,303   | 2,999    |         |           | 30,949  | 1,450     |
| 2921 LIQUEFIED GASES--                | 37,521        |           |           | 20,950    | 16,571   |         |           |         |           |
| 3201 BUILDING CEMENT--                | 885,193       |           |           | 211,047   |          |         |           | 663,786 | 10,400    |
| 3271 LIME--                           | 21,994        |           |           |           | 11,855   |         |           |         | 10,139    |
| 3291 MISC NONMETALLIC MINERAL PROD--  | 100           |           |           |           | 100      |         |           |         |           |
| 3311 PIG IRON--                       | 1,600         |           |           |           |          |         |           |         |           |
| 3312 SLAG--                           | 53,871        |           |           | 7,754     | 44,737   |         | 1,400     |         |           |
| 3314 IRON AND STEEL PRIMARY FORMS--   | 297,530       |           |           | 196,267   | 26,194   |         |           | 69,341  | 5,720     |
| 3315 IRON, STEEL SHAPES, EXC SHEET--  | 298,406       |           |           | 66,752    | 2,639    |         |           | 190,835 | 38,180    |
| 3316 IRON AND STEEL PLATES, SHEETS--  | 93,601        |           |           | 13,406    |          |         |           | 69,695  |           |
| 3317 IRON AND STEEL PIPE AND TUBE--   | 30,157        |           |           |           | 29,707   | 450     |           |         |           |
| 3318 FERROALLOYS--                    | 98,147        |           |           | 4,437     | 33,802   | 1,417   | 1,587     | 2,858   | 4,086     |
| 3319 IRON AND STEEL PRODUCTS, VEC--   | 45,774        |           |           | 7,023     | 198      |         |           | 37,237  | 1,316     |
| 3322 COPPER ALLOYS, UNWORKED--        | 1,525         |           |           | 1,525     |          |         |           |         |           |
| 3323 LEAD AND ZINC, UNWORKED--        | 4,672         |           |           | 4,672     |          |         |           |         |           |
| 3324 ALUMINUM AND ALLOYS, UNWORKED--  | 7,794         |           |           | 2,520     | 4,412    |         |           | 862     |           |
| 3411 FABRICATED METAL PRODUCTS--      | 13,073        |           |           | 5,480     | 5,955    | 56      |           | 1,457   | 125       |
| 3511 MACHINERY, EXCEPT ELECTRICAL--   | 7,496         | 21        |           | 162       | 2,354    | 1,308   | 1,119     |         | 2,532     |
| 3611 ELECTRICAL MACH AND EQUIP--      | 490           |           |           |           | 90       | 300     | 100       |         |           |
| 5731 SHIPS AND BOATS--                | 300           |           | 300       |           |          |         |           |         |           |
| 3791 MISC TRANSPORTATION EQUIPMENT--  | 1,084         |           |           | 14        |          | 750     | 320       |         |           |
| 4011 IRON AND STEEL SCRAP--           | 297,859       |           |           | 12,841    | 123,253  |         | 370       | 1,568   | 149,867   |
| 4012 IRONFRUIT METAL SCRAP--          | 4,639         |           |           |           |          |         |           |         | 4,649     |
| 4110 WATERWAY IMPROVEMENT MAT--       | 2,340,196     |           |           | 2,333,216 | 425      | 6,410   | 20,145    |         |           |
| 4119 EMPTY CARGO ETS--                | 800           |           |           | 600       |          |         |           |         |           |
| TOTAL TON-MILES                       | 8,417,417,401 |           |           |           |          |         |           |         |           |

## BARKLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS

SECTION INCLUDES CANAL CONNECTING BARKLEY RESERVOIR AND KENTUCKY RESERVOIR, 1.75 MILES. CONTROLLING DEPTH: AT LEAST 9 FEET. PROJECT DEPTH: 4 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR | TONS      | YEAR | TONS       |
|------|-----------|------|------------|
| 1974 | 5,701,047 | 1983 | 3,410,879  |
| 1975 | 4,615,017 | 1984 | 4,679,810  |
| 1980 | 3,332,558 | 1985 | 6,750,013  |
| 1981 | 2,242,132 | 1986 | 12,800,081 |
| 1982 | 2,791,861 | 1987 | 7,479,630  |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMUNITY | TOTAL     | INTERNAL  |           |
|-----------|-----------|-----------|-----------|
|           |           | THROUGH   | FASTBOUND |
| TOTAL     | 7,079,630 | 6,998,991 | 584,639   |
| 0103 CURN | 24,529    | 1,000     | 23,129    |

## Waterborne Commerce of the United States, 1987

BARKLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL       | INTERNAL  |           |
|---|-------------|-----------|-----------|
|   |             | THROUGH   |           |
|   |             | EASTBOUND | WESTBOUND |
| J107 ANEAT-----                         | 27,746      | -----     | 27,746    |
| J111 SOYBEANS-----                      | 49,484      | -----     | 49,484    |
| 1091 NONFERROUS OMES, CONCENT, NEC----- | 93,578      | 93,578    | -----     |
| 1121 COAL AND LIGNITE-----              | 4,762,267   | 4,733,572 | 28,695    |
| 1411 LIMESTONE-----                     | 155,900     | -----     | 155,900   |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 257,322     | 172,822   | 84,500    |
| 1899 NONMETALLIC MINERALS, NEC-----     | 49,721      | 48,106    | 1,615     |
| 2042 ANIMAL FEEDS-----                  | 1,400       | 1,400     | ---       |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 2,765       | -----     | 2,765     |
| 2061 SUGAR-----                         | 9,917       | 9,917     | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----      | 670         | 670       | -----     |
| 2813 ALCOHOLS-----                      | 37,835      | 32,277    | 5,558     |
| 2818 SULPHURIC ACID-----                | 42,902      | 5,998     | 36,904    |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 196,017     | 196,017   | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 25,940      | 25,940    | -----     |
| 2872 POTASSIUM CHEM FERTILIZERS-----    | 24,614      | 24,614    | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 1,617       | 1,617     | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 18,828      | 18,828    | -----     |
| 2911 GASOLINE-----                      | 147,539     | 147,539   | -----     |
| 2919 DISTILLATE FUEL OIL-----           | 46,909      | 46,909    | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 5,880       | 5,880     | -----     |
| 2916 LUBRICATING OILS AND GREASES-----  | 1,131       | 1,131     | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 332,423     | 332,423   | -----     |
| 2920 COKE, PETROLEUM COKE-----          | 32,399      | 30,949    | 1,450     |
| 3241 BUILDING CEMENT-----               | 663,746     | 663,746   | -----     |
| 3312 SLAG-----                          | 1,400       | 1,400     | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 57,442      | 57,442    | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 166,745     | 165,291   | 1,454     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 62,118      | 62,118    | -----     |
| 3318 FERROALLOYS-----                   | 6,904       | 2,058     | 4,046     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 6,437       | 6,437     | -----     |
| 3320 ALUMINUM AND ALLOYS, UNWORKED----- | 862         | 862       | -----     |
| 3401 FABRICATED METAL PRODUCTS-----     | 1,457       | 1,457     | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 2,757       | 225       | 2,532     |
| 4011 IRON AND STEEL SCRAP-----          | 151,435     | 1,568     | 149,867   |
| 4012 NUMEROUS METAL SCRAP-----          | 6,649       | -----     | 6,649     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 4,345       | -----     | 4,345     |
| TOTAL TON-MILES.                        | 14,950,260. |           |           |

## CLINCH RIVER, TENN.

SECTION INCLUDED: MILE 1 THROUGH MILE 63 ON THE CLINCH RIVER. JUNCTIONS AT MILE 567 WITH TENNESSEE RIVER. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR  | TONS    |
|-----------|-----------|-------|---------|
| 1978----- | 1985----- | ----- | 109,230 |
| 1979----- | 1984----- | ----- | 85,863  |
| 1980----- | 1985----- | ----- | 59,148  |
| 1981----- | 1986----- | ----- | 260,627 |
| 1982----- | 1987----- | ----- | 250,714 |

## FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                              | TOTAL      | INTERNAL  |           |           |                   |
|--|------------|-----------|-----------|-----------|-------------------|
|  |            | 1'500'000 | 0'140'000 | DOWNBOUND | THROUGH DOWNBOUND |
| TOTAL-----                             | 250,714    | 500       | 92        | 450       | 219,672           |
| 1121 COAL & LIGNITE-----               | 209,450    | -----     | -----     | -----     | 209,450           |
| 2411 LINES-----                        | 40,150     | -----     | -----     | -----     | 40,150            |
| 3511 MACHINERY, EXCEPT ELECTRICAL----- | 1,042      | 500       | 92        | 450       | -----             |
| TOTAL TON-MILES.                       | 1,265,456. |           |           |           |                   |

## NASHVILLE, TN, DISTRICT

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PRINCIPAL PORTS ON TENNESSEE RIVER (INCLUDED IN TRAFFIC  
OF TENNESSEE RIVER, TENN., ALA., AND KY.)

## COMPARATIVE STATEMENT OF TRAFFIC

(SHORT TONS)

| YEAR      | GUNTERSVILLE,<br>ALA. | CHATTANOOGA,<br>TEENN. | KNOXVILLE,<br>TEENN. | YEAR      | GUNTERSVILLE,<br>ALA. | CHATTANOOGA,<br>TEENN. | KNOXVILLE,<br>TEENN. |
|-----------|-----------------------|------------------------|----------------------|-----------|-----------------------|------------------------|----------------------|
| 1976----- | 1,341,392             | 1,593,451              | 281,373              | 1983----- | 2,055,792             | 2,628,772              | 271,104              |
| 1979----- | 1,350,674             | 1,030,842              | 281,289              | 1984----- | 2,052,933             | 3,046,174              | 460,360              |
| 1980----- | 1,589,840             | 1,357,527              | 300,171              | 1985----- | 1,565,900             | 3,031,571              | 465,842              |
| 1981----- | 1,601,389             | 2,456,066              | 345,791              | 1986----- | 1,812,389             | 3,077,115              | 493,703              |
| 1982----- | 1,766,450             | 2,387,700              | 268,010              | 1987----- | 1,818,817             | 2,521,823              | 351,719              |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

|  | COMMODITY | GUNTERSVILLE,<br>ALA. | CHATTANOOGA,<br>TEENN. | KNOXVILLE,<br>TEENN. |
|--|-----------|-----------------------|------------------------|----------------------|
| TOTAL, ALL TRAFFIC-----                    |           | 1,818,817             | 2,521,823              | 351,719              |
| CARGO RECEIPTS                             |           |                       |                        |                      |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----     |           |                       | 21                     |                      |
| CARGO SHIPMENTS                            |           |                       |                        |                      |
| 5731 SHIPS AND BOATS-----                  |           |                       | 300                    |                      |
| INTERNAL RECEIPTS                          |           |                       |                        |                      |
| 9103 CORN-----                             |           | 621,736               | 48,427                 | 1,458                |
| 9104 OATS-----                             |           | 17,602                | 16,527                 |                      |
| 3107 WHEAT-----                            |           | 3,033                 | 276,240                | 25,774               |
| 0111 SOYBEANS-----                         |           | 302,060               | 67,502                 |                      |
| 3122 HAY AND FORAGE-----                   |           | 1,333                 |                        |                      |
| 1051 ALUMINUM ORES, CONCENTRATES-----      |           | 1,491                 | 1,436                  |                      |
| 1061 MAGNESIUM ORES, CONCENTRATES-----     |           | 2,800                 |                        |                      |
| 1091 MANGANESE ORES, CONCENTRATES-----     |           | 1,378                 |                        |                      |
| 1121 CHALK AND LIMESTONE-----              |           | 1,488                 | 9,132                  |                      |
| 1411 LIVESTOCK-----                        |           |                       | 278,143                |                      |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----       |           |                       | 974,604                |                      |
| 1493 GYPSUM, CRUD AND PLASTERS-----        |           |                       | 26,537                 | 40,349               |
| 1499 NONMETALLIC MINERALS, NEC-----        |           | 6,342                 | 25,020                 | 36,550               |
| 2042 ANIMAL FEEDS-----                     |           | 72,938                | 9,765                  | 10,533               |
| 2049 GRAIN MILL PRODUCTS, NEC-----         |           | 9,999                 | 2,778                  |                      |
| 2091 VEGETABLE OILS, MARG., SHORT-----     |           |                       | 77,481                 |                      |
| 2092 LUMBER-----                           |           |                       | 1,500                  |                      |
| 2810 SODIUM HYDROXIDE-----                 |           | 26,590                | 57,944                 |                      |
| 2819 BASIC CHEMICALS AND PHOS., NEC-----   |           |                       | 41,693                 | 2,588                |
| 2871 NITROGENOUS CHEM FERTILIZERS-----     |           |                       | 19,459                 | 3,000                |
| 2915 RLSDJAL FUEL OIL-----                 |           | 12,650                | 216,029                |                      |
| 2916 LUBRICATING OILS AND GREASES-----     |           | 21,674                |                        |                      |
| 2918 ASPHALT, TAR, AND PITCHES-----        |           |                       | 200,647                | 127,232              |
| 2920 COKE, PETROLEUM COKE-----             |           | 136,600               | 31,617                 |                      |
| 3241 BUILDING CEMENT-----                  |           |                       | 35,100                 |                      |
| 3310 IRON AND STEEL PRIMARY, FORG-----     |           | 8,911                 | 6,436                  |                      |
| 3315 IRON AND STEEL SHAPES, EXC SHEET----- |           | 10,866                | 22,123                 |                      |
| 3316 IRON AND STEEL PLATES, SHEETS-----    |           |                       | 6,213                  |                      |
| 3317 IRON AND STEEL ALLOYS-----            |           | 2,817                 | 1,400                  |                      |
| 3319 IRON AND STEEL PRODUCTS, NEC-----     |           | 2,384                 | 3,139                  |                      |
| 3323 LEAD AND ZINC, ALUMATE-----           |           |                       | 4,672                  |                      |
| 3411 MANUFACTURED METAL PRODUCTS-----      |           | 4,078                 |                        |                      |
| 4011 IRON AND STEEL SCRAP-----             |           | 1,416                 | 8,585                  |                      |
| 4114 WATERWAY IMPROVEMENTS-----            |           |                       |                        | 1,175                |
| TOTAL-----                                 |           | 1,269,386             | 2,464,160              | 242,659              |
| INTERNAL SHIPMENTS                         |           |                       |                        |                      |
| 9103 CORN-----                             |           | 3,120                 |                        |                      |
| 9104 OATS-----                             |           | 1,130                 |                        |                      |
| 9106 SOYBEANS-----                         |           | 1,661                 |                        |                      |
| 3107 WHEAT-----                            |           | 10,254                | 5,308                  |                      |
| 3112 CHALK-----                            |           | 7,230                 | 2,263                  |                      |
| 1091 MANGANESE ORES, CONCENTRATES-----     |           |                       |                        | 93,350               |
| 1121 CALCIUM AND LIGHTER-----              |           | 3,112                 |                        |                      |
| 1411 LIVESTOCK-----                        |           |                       |                        | 1,623                |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----       |           |                       |                        | 1,444                |
| 2042 ANIMAL FEEDS-----                     |           | 19,576                | 13,950                 |                      |
| 2049 GRAIN MILL PRODUCTS, NEC-----         |           | 33,131                | 29,524                 |                      |
| 2091 VEGETABLE OILS, MARG., SHORT-----     |           | 31,328                |                        |                      |
| 2616 WOOD CHIPS, STAVES, POLLUTIVES-----   |           | 371,436               |                        |                      |
| 2918 ASPHALT, TAR, AND PITCHES-----        |           |                       | 3,022                  |                      |
| 2920 COKE, PETROLEUM COKE-----             |           | 2,999                 |                        | 1,628                |
| 3271 LIME-----                             |           |                       |                        |                      |
| 3312 SLAG-----                             |           | 16,271                |                        |                      |
| 3315 IRON AND STEEL PRIMARY, FORG-----     |           | 2,809                 |                        |                      |
| 3316 IRON AND STEEL SHAPES, EXC SHEET----- |           | 1,233                 |                        |                      |
| 3317 IRON AND STEEL PLATES, SHEETS-----    |           | 1,117                 |                        |                      |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----     |           |                       | 500                    |                      |
| 3611 ELECTRICAL MACHINES-----              |           |                       | 90                     |                      |
| 4011 IRON AND STEEL SCRAP-----             |           | 45,004                | 2,576                  | 1,151                |
| 4114 WATERWAY IMPROVEMENTS-----            |           |                       |                        | 900                  |
| TOTAL-----                                 |           | 549,439               | 57,333                 | 102,825              |
| LNGL                                       |           |                       |                        | 40                   |
| 1311 ENERGY PETROLEUM-----                 |           |                       |                        |                      |

*Waterborne Commerce of the United States, 1987*

PRINCIPAL PORTS ON TENNESSEE RIVER (INCLUDED IN TRAFFIC  
OF TENNESSEE RIVER, TENN., ALA., AND KY.)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                          | GUNTERSVILLE,<br>ALA. | CHATTANOOGA,<br>TENN. | KNOXVILLE,<br>TENN. |
|------------------------------------|-----------------------|-----------------------|---------------------|
| LOCAL--CONTINUED                   |                       |                       |                     |
| 3118 WATERWAY IMPROVEMENT MAT----- |                       |                       | 195                 |
| TOTAL-----                         |                       |                       | 235                 |

## OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY         | COMMODITY  | TONS  | TOTAL<br>TON-<br>MILES | PASSENGERS |
|----------------------------|--|---|------------------------|------------|
| NONPROJECT                 |  |   |                        |            |
| MINASSEE RIVER, TENN.----- | 0103 CORN-----<br>1499 NONMETALLIC MINERALS, NEC-----<br>2411 LOGS-----<br>2416 WOOD CHIPS, STAVES, HOLDINGS-----<br>2621 STANDARD NEWSPRINT PAPER-----<br>2631 PAPER AND PAPERBOARD-----<br>2810 SODIUM HYDROXIDE-----<br>2891 MISCELLANEOUS CHEMICAL PROD----- | 1,629<br>355,360<br>118,141<br>427,387<br>39,000<br>2,375<br>27,668<br>44,000 | 18,795,315             | -----      |
|                            | TOTAL-----   | 1,015,560   |                        |            |

# LOUISVILLE, KY, DISTRICT

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## GREEN AND BARREN RIVERS, KY.

SECTION INCLUDED: GREEN RIVER, FROM MOUTH TO 108.5 MILES. CONTROLLING DEPTH AND PROJECT DEPTH: GREEN RIVER, 9 FEET FROM MOUTH TO MILE 103; THE ICE 5.5 FEET TO LOCK AND DAM NO. 3. RIVER TRAFFIC SUSPENDED ABOVE MILE 108.5, GREEN RIVER, UNTIL FURTHER NOTICE DUE TO THE CLOSURE OF LOCK NO. 3 AND THE FAILURE OF DAM AT LOCK AND DAM NO. 4, GREEN RIVER.

### CUMPAHATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 10,080,475 | 1983----- | 9,939,053  |
| 1979----- | 10,806,466 | 1984----- | 11,369,516 |
| 1980----- | 9,903,153  | 1985----- | 11,050,255 |
| 1981----- | 10,580,607 | 1986----- | 9,180,784  |
| 1982----- | 10,198,991 | 1987----- | 9,521,784  |

### FREIGHT TRAFFIC, 1987

#### DOMESTIC

(SHORT TUNS)

| COMMODITY                               | TOTAL     | INTERNAL |           |
|---|-----------|----------|-----------|
|   |           | INBOUND  | OUTBOUND  |
| TOTAL-----                              | 9,521,784 | 803,477  | 8,718,307 |
| 0103 COR-----                           | 19,331    | -----    | 19,331    |
| 0107 MEAT-----                          | 4,113     | -----    | 4,113     |
| 0111 SOYBEANS-----                      | 45,739    | -----    | 45,739    |
| 1121 COAL AND LIGNITE-----              | 8,906,550 | 257,496  | 8,649,054 |
| 1411 LIVESTOCK-----                     | 243,000   | 243,000  | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 172,489   | 172,489  | -----     |
| 2920 CURE, PETROLEUM COKE-----          | 33,872    | 33,872   | -----     |
| 3271 LIVESTOCK-----                     | 96,440    | 96,440   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 250       | 100      | 70        |
| TOTAL TON-MILES----- 686,466,562.       |           |          |           |

### OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY       | COMMODITY                            | TONS    | TOTAL<br>TON-<br>MILES | PASSENGERS |
|--------------------------|--------------------------------------|---------|------------------------|------------|
| PROJECT                  |                                      |         |                        |            |
| KENTUCKY RIVER, KY.----- | 1442 SAND, GRAVEL, CRUSHED ROCK----- | 106,100 | 6,896,500              | -----      |

**Waterborne Commerce of the United States, 1987**  
**HUNTINGTON, WV, DISTRICT**

BIG SANDY RIVER, TUG AND LEVISA FORKS, KY. AND W. VA.

SECTION INCLUDED: BIG SANDY, MOUTH TO MILE 26.83; TUG FORK, 12.47 MILES ABOVE CONFLUENCE; LEVISA FORK, 17.47 MILES ABOVE CONFLUENCE.  
 PROJECT INACTIVE: CONTROLLING DEPTH: A SLACK WATER CHANNEL FROM THE OHIO RIVER PROVIDING A 9-FOOT DEPTH FOR 8.67 MILES IS PRESENTLY BEING MAINTAINED. NO MAINTENANCE IS PRESENTLY BEING PERFORMED BEYOND. HIGH WATER NAVIGATION ONLY BEYOND MILE 8.67.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,948,614 | 1985----- | 5,268,006 |
| 1979----- | 2,911,752 | 1984----- | 8,842,951 |
| 1980----- | 2,691,796 | 1985----- | 7,434,665 |
| 1981----- | 3,027,561 | 1986----- | 8,622,765 |
| 1982----- | 2,518,309 | 1987----- | 8,182,171 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL     | INTERNAL |           |
|--|-----------|----------|-----------|
|  |           | INBOUND  | OUTBOUND  |
| TOTAL-----                               | 8,182,171 | 581,527  | 7,600,644 |
| 1011 IRON ORE AND CONCENTRATES-----      | 49,851    | 48,051   | 1,400     |
| 1121 COAL AND LIGITE-----                | 6,024,760 | 12,577   | 6,012,197 |
| 1311 CRUDE PETROLEUM-----                | 189,912   | 189,912  | -----     |
| 1411 LIMESTONE-----                      | 24,544    | 24,544   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 18,340    | 18,340   | -----     |
| 2042 ANIMAL FEEDS-----                   | 696       | -----    | 696       |
| 2811 CRUDE TAN, OIL, GAS PRODUCTS-----   | 28,947    | -----    | 28,947    |
| 2817 BENZENE AND TOLUENE-----            | 43,665    | 7,438    | 36,227    |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 194,694   | -----    | 194,694   |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 57,447    | 57,447   | -----     |
| 2911 GASOLINE-----                       | 24,183    | 19,845   | 4,338     |
| 2914 DISTILLATE FUEL OIL-----            | 51,195    | 51,195   | -----     |
| 2915 RESIDUAL FUEL OIL-----              | 388,564   | 94,046   | 290,518   |
| 2916 LUBRICATING OILS AND GREASES-----   | 288,167   | 1,175    | 286,992   |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 60,643    | 867      | 59,776    |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 683,371   | -----    | 683,371   |
| 2920 COKE, PETROLEUM COKE-----           | 1,496     | -----    | 1,496     |
| 2921 LIQUEFIED GASES-----                | 55,690    | 55,690   | -----     |

TOTAL TONS MILES: 42,295,090.

KANAWHA RIVER, W. VA.

SECTION I INCLUDES: OHIO RIVER TO HEAD OF NAVIGATION, MILE 90.57 ABOVE MOUTH. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 10,992,616 | 1985----- | 15,205,311 |
| 1979----- | 13,776,446 | 1984----- | 14,232,525 |
| 1980----- | 14,673,629 | 1985----- | 14,603,647 |
| 1981----- | 12,793,934 | 1986----- | 16,789,524 |
| 1982----- | 13,726,894 | 1987----- | 16,237,940 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL      | INTERNAL  |            |         |           |
|--|------------|-----------|------------|---------|-----------|
|  |            | INBOUND   | OUTBOUND   | UPBOUND | DOWNBOUND |
| TOTAL-----                               | 16,237,940 | 8,055,446 | 11,434,494 | 92,394  | 187,601   |
| 1113 COKING COAL CONCENTRATES-----       | 2,499      | -----     | 2,499      | -----   | -----     |
| 1011 IRON ORE AND CONCENTRATES-----      | 4,671      | 4,671     | -----      | -----   | -----     |
| 1061 VANADSENE ORES, CONCENTRATES-----   | 2,005      | 2,005     | -----      | -----   | -----     |
| 1091 SUPERFERRUS ORES, COKE, T, NEC----- | 4,575      | 4,575     | -----      | -----   | -----     |
| 1121 COAL AND LIGITE-----                | 11,953,234 | 9,613     | 11,720,294 | 74,721  | 144,631   |
| 1411 LIMESTONE-----                      | 126,274    | 125,274   | -----      | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 1,851,214  | 1,851,244 | -----      | -----   | -----     |
| 1451 CLAY-----                           | 1,500      | -----     | -----      | 1,500   | -----     |
| 1499 NONMETALLIC MINERALS, LD-----       | 99,014     | 99,014    | -----      | -----   | -----     |
| 2810 SOLUBLE HYDRAULIC-----              | 29,551     | 29,681    | -----      | -----   | -----     |
| 2811 CRUDE TAN, OIL, GAS PRODUCTS-----   | 1,400      | 1,400     | -----      | -----   | -----     |
| 2813 ALCOHOLS-----                       | 359,752    | 359,467   | 20,263     | -----   | -----     |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 521,751    | 319,625   | 123,512    | 5,824   | 42,970    |
| 2821 PLASTIC MATERIALS-----              | 4,233      | -----     | 4,233      | -----   | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 21,775     | 21,775    | -----      | -----   | -----     |
| 2891 VISCOSITY-REDUCING CHEMICALS-----   | 65,197     | 62,040    | 1,157      | -----   | -----     |
| 2911 GASOLINE-----                       | 165,430    | 680,655   | 775        | -----   | -----     |
| 2912 DISTILLATE FUEL-----                | 3,016      | 3,619     | -----      | -----   | -----     |
| 2913 KEROSENE-----                       | 25,002     | 25,002    | -----      | -----   | -----     |

# HUNTINGTON, WV, DISTRICT

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KANAWHA RIVER, W. VA.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED  
DOMESTIC--CONTINUED  
(SHORT TONS)

| COMMODITY                              | TOTAL   | INTERNAL |          |         |           |
|--|---------|----------|----------|---------|-----------|
|  |         | INBOUND  | OUTBOUND | UPBOUND | DOWNBOUND |
| 2914 DISTILLATE FUEL OIL-----          | 335,384 | 335,384  | -----    | -----   | -----     |
| 2915 RESIDUAL FUEL OIL-----            | 852     | -----    | 852      | -----   | -----     |
| 2916 LUBRICATING OILS AND GREASES----- | 2,782   | 2,782    | -----    | -----   | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----  | 1,269   | 1,269    | -----    | -----   | -----     |
| 3241 BUILDING CEMENT-----              | 81,003  | 75,003   | 6,000    | -----   | -----     |
| 3312 SLAG-----                         | 42,304  | 36,255   | -----    | 6,009   | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE----- | 5,052   | 5,052    | -----    | -----   | -----     |
| 3411 FABRICATED METAL PRODUCTS-----    | 17      | 17       | -----    | -----   | -----     |
| 9011 IRON AND STEEL SCRAP-----         | 24,414  | -----    | 24,414   | -----   | -----     |
| TOTAL TON-MILES, 1,025,481,513.        |         |          |          |         |           |

## LITTLE KANAWHA RIVER, W. VA.

SECTION INCLUDED: OHIO RIVER TO HEAD OF NAVIGATION, MILE 48 ABOVE MOUTH. PROJECT INACTIVE. CONTROLLING DEPTH: A SLACK WATER CHANNEL FROM THE OHIO RIVER PROVIDING A 9-FOOT DEPTH FOR 14.5 MILES IS PRESENTLY BEING MAINTAINED. NO MAINTENANCE AND NO NAVIGATION EXISTS BEYOND THAT POINT.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 247,262 | 1983----- | 239,001 |
| 1979----- | 426,995 | 1984----- | 356,639 |
| 1980----- | 201,698 | 1985----- | 466,976 |
| 1981----- | 355,501 | 1986----- | 513,300 |
| 1982----- | 252,811 | 1987----- | 635,489 |

## FREIGHT TRAFFIC, 1987

### DOMESTIC

(SHORT TONS)

| COMMODITY                            | TOTAL   | INTERNAL |          |
|--------------------------------------|---------|----------|----------|
|                                      |         | INBOUND  | OUTBOUND |
| TOTAL-----                           | 635,489 | 629,621  | 5,868    |
| 1311 CRUDE PETROLEUM-----            | 5,079   | -----    | 5,079    |
| 1411 LIMESTONE-----                  | 5,649   | 5,649    | -----    |
| 1442 SAND, GRAVEL, CRUSHED ROCK----- | 420,124 | 419,335  | 789      |
| 2911 GASOLINE-----                   | 85,954  | 85,954   | -----    |
| 2914 DISTILLATE FUEL OIL-----        | 1,917   | 1,917    | -----    |
| 3210 COKE, PETROLEUM COKE-----       | 24,402  | 24,402   | -----    |
| 3312 SLAG-----                       | 92,364  | 92,364   | -----    |
| TOTAL TON-MILES, 1,789,115.          |         |          |          |

## OTHER HARBOURS AND WATERWAYS

| HARBOR OR WATERWAY         | COMMODITY            | TONS | TOTAL TON-MILES | PASSENGERS |
|----------------------------|----------------------|------|-----------------|------------|
| PROJECT                    |                      |      |                 |            |
| MUSKINGUM RIVER, OHIO----- | NO COMMERCE REPORTED |      |                 |            |

*Waterborne Commerce of the United States, 1987*  
**PITTSBURGH, PA, DISTRICT**

PORT OF PITTSBURGH, PA.

SECTION INCLUDES: OHIO RIVER FROM PITTSBURGH, PA. TO MILE 40 (PENNSYLVANIA/OHIO STATE LINE); ALLEGHENY RIVER FROM PITTSBURGH, PA. TO MILE 30 (FREIGHTR); MONONGAHELA RIVER FROM PITTSBURGH, PA. TO MILE 45 (CHARLESBURG). INCLUDES ALLEGHENY-ROCHESTER, PITTSBURGH, CLAIRTON-ELIZABETH. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1978----- | *          | *          | 1983----- | 26,482,941 | 1,421,127  |
| 1979----- | 40,881,073 | 1,262,475  | 1984----- | 38,297,300 | 1,206,850  |
| 1980----- | 36,586,155 | 861,793    | 1985----- | 28,551,728 | 1,514,078  |
| 1981----- | 32,294,047 | 984,808    | 1986----- | 26,709,091 | 1,266,475  |
| 1982----- | 28,251,436 | 1,120,159  | 1987----- | 28,880,424 | 1,775,656  |

\*NOT COMPILED PRIOR TO 1979.

#PORT LIMITS EXCLUDED IN CY 1979

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                                  | TOTAL      | INTERNAL   |           | LOCAL     |
|--|------------|------------|-----------|-----------|
|  |            | RECEIPTS   | SHIPMENTS |           |
| TOTAL-----                                 | 28,880,424 | 22,672,617 | 3,331,203 | 2,836,608 |
| 0104 OATS-----                             | 13,190     | 13,190     | -----     | -----     |
| 0119 DILSEEDS, NEC-----                    | 26,517     | 26,517     | -----     | -----     |
| 1011 IRON ORE AND CONCENTRATES-----        | 138,456    | 138,456    | -----     | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----      | 32,992     | 32,992     | -----     | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----     | 30,080     | 21,374     | 8,706     | -----     |
| 1091 NONFERROUS METALS, CONCENT., NEC----- | 18,681     | 14,331     | 4,350     | -----     |
| 1121 COAL AND LIGNITE-----                 | 17,826,060 | 14,588,983 | 1,592,182 | 1,645,773 |
| 1311 CRUDE PETROLEUM-----                  | 2,871      | -----      | 2,871     | -----     |
| 1411 LIMESTONE-----                        | 653,899    | 645,578    | -----     | 8,321     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----       | 3,089,711  | 1,853,804  | 179,005   | 1,055,902 |
| 1451 CLAY-----                             | 33,108     | 27,800     | -----     | 5,300     |
| 1471 PHOSPHATE ROCK-----                   | 11,320     | 11,320     | -----     | -----     |
| 1499 GYPSUM, CRUDE AND PLASTERS-----       | 17,683     | 17,683     | -----     | -----     |
| 1499 NORMETALLIC MINERALS, NEC-----        | 299,705    | 299,705    | -----     | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----     | 1,483      | -----      | 1,483     | -----     |
| 2042 ANIMAL FEEDS-----                     | 37,426     | 37,426     | -----     | -----     |
| 2049 CHAIN MILL PRODUCTS, NEC-----         | 956        | 956        | -----     | -----     |
| 2061 SUGAR-----                            | 13,508     | 13,508     | -----     | -----     |
| 2021 LUSSIER-----                          | 1,448      | 1,448      | -----     | -----     |
| 2451 VENEER, PLYWOOD, WURKED WOOD-----     | 31,355     | 31,355     | -----     | -----     |
| 2631 PAPER AND PAPERBOARD-----             | 72,527     | 72,527     | -----     | -----     |
| 2810 SOUDAN HYDROXIDE-----                 | 126,396    | 126,396    | -----     | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----     | 341,618    | 70,595     | 268,279   | 2,944     |
| 2813 ALCOHOLS-----                         | 195,200    | 195,200    | -----     | -----     |
| 2817 PETROLEUM AND TOLUENE-----            | 90,519     | 6,247      | 80,130    | 4,142     |
| 2819 SULPHURIC ACID-----                   | 42,505     | 42,505     | -----     | -----     |
| 2819 BASIC CHEMICALS AND PRODS, NEC-----   | 429,691    | 400,357    | 23,534    | -----     |
| 2871 CHLOROGENOUS CATION FERTILIZERS-----  | 32,759     | 21,323     | 21,436    | -----     |
| 2872 POTASSIUM CATION FERTILIZERS-----     | 2,909      | 2,909      | -----     | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC-----    | 50,497     | 27,454     | 5,063     | -----     |
| 2891 VISCOSITY-CHEMICAL PROD-----          | 4,267      | 4,267      | -----     | -----     |
| 2911 GASOLINE-----                         | 1,080,980  | 877,815    | 173,084   | 10,083    |
| 2912 JET FUEL-----                         | 158,567    | 158,567    | -----     | -----     |
| 2913 KEROSENE-----                         | 51,167     | 51,167     | -----     | -----     |
| 2914 DISTILLATE FUEL OIL-----              | 635,780    | 513,591    | 83,481    | 41,728    |
| 2915 DISTILLATE FUEL OIL-----              | 247,782    | 146,144    | 105,658   | -----     |
| 2916 LUBRICATING OILS AND GREASES-----     | 360,220    | 333,676    | 46,344    | -----     |
| 2917 TAPETTA, PETROLEUM SOLVENTS-----      | 34,048     | 34,048     | -----     | -----     |
| 2918 ASPHALTS, TAR, AND PITCHES-----       | 353,630    | 328,355    | 19,665    | 5,790     |
| 2920 CURE, PETROLEUM CURE-----             | 213,506    | 156,829    | 70,677    | -----     |
| 2991 PETROLEUM AND OIL PRODS, NEC-----     | 2,316      | -----      | 2,316     | -----     |
| 3211 GLASS AND GLASS PRODUCTS-----         | 1,000      | 1,000      | -----     | -----     |
| 3241 PUTTYING CEMENT-----                  | 93,003     | 6,000      | 87,003    | -----     |
| 3251 STRUCTURAL CLAY PRODUCTS-----         | 1,419      | 1,419      | -----     | -----     |
| 3271 LIME-----                             | 401,707    | 401,707    | -----     | -----     |
| 3291 BASIC NORMETALLIC MINERAL PROD-----   | 6,326      | 6,326      | -----     | -----     |
| 3311 PIG IRON-----                         | 57,162     | 19,980     | 37,182    | -----     |
| 3312 SLAGS-----                            | 7,745      | -----      | 7,745     | -----     |
| 3314 IRON AND STEEL PRIMARY PRODS-----     | 255,460    | 65,792     | 215,966   | 4,682     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----    | 231,067    | 168,389    | 61,599    | 1,100     |
| 3316 IRON AND STEEL PLATES, SHEETS-----    | 59,874     | 15,665     | 24,209    | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----     | 20,632     | -----      | 19,902    | 650       |
| 3318 FERROALLOYS-----                      | 417,766    | 414,192    | 2,165     | 1,389     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----     | 25,627     | 22,475     | 3,152     | -----     |
| 3321 NONFERROUS METALS, NEC-----           | 5,349      | 6,349      | -----     | -----     |
| 3322 COPPER ALLOYS, UNWORKED-----          | 1,615      | -----      | 1,615     | -----     |
| 3323 LEAD AND ZINC, UNWORKED-----          | 19,800     | 16,982     | 2,818     | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----    | 7,747      | 7,747      | -----     | -----     |
| 3411 FABRICATED METAL PRODUCTS-----        | 31,568     | 28,430     | 7,116     | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----     | 7,166      | -----      | 7,092     | 74        |
| 3611 ELECTRICAL MACH AND EQUIP-----        | 90         | 90         | -----     | -----     |
| 4011 IRON AND STEEL SCRAP-----             | 225,795    | 92,534     | 85,375    | 47,886    |
| 4118 HIGHWAY IMPROVEMENT MAT-----          | 7,181      | 6,345      | -----     | 638       |

PITTSBURGH, PA, DISTRICT

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MUNONGAHELA RIVER, PA, AND W. VA.

SECTION INCLUDED: PITTSBURGH, PA., TO FAIRMOUNT, W. VA., 128.7 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1978----- | 31,673,799 | 2,695      | 1983----- | 26,485,569 | 1,103,481  |
| 1979----- | 35,222,785 | 1,040,854  | 1984----- | 34,513,953 | 941,917    |
| 1980----- | 34,310,879 | 657,504    | 1985----- | 20,765,230 | 1,017,683  |
| 1981----- | 32,116,533 | 656,616    | 1986----- | 29,533,160 | 998,340    |
| 1982----- | 29,519,738 | 826,056    | 1987----- | 32,872,525 | 1,409,301  |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMUNITY                                | TOTAL          | INTERNAL  |           |           |            |
|--|----------------|-----------|-----------|-----------|------------|
|  |                | INBOUND   | OUTBOUND  | UPBOUND   | DOWNBOUND  |
| TOTAL-----                               | 32,872,525     | 7,377,323 | 9,424,189 | 2,903,895 | 13,167,818 |
| 1011 IRON ORE AND CONCENTRATES-----      | 316,077        | 116,077   | -----     | -----     | -----      |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 8,706          | -----     | 8,706     | -----     | -----      |
| 1121 COAL AND LIGNEOUS-----              | 28,751,494     | 4,430,596 | 8,293,777 | 2,896,226 | 13,130,895 |
| 1311 CRUDE PETROLEUM-----                | 2,871          | -----     | 2,871     | -----     | -----      |
| 1411 LIMESTONE-----                      | 547,534        | 9,297     | 530,545   | -----     | 7,492      |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 1,521,400      | 1,243,833 | 48,401    | 6,118     | 23,048     |
| 1451 CLAY-----                           | 11,674         | 11,574    | 500       | -----     | -----      |
| 1499 NONMETALLIC MINERALS, NEC-----      | 247,299        | 247,299   | -----     | -----     | -----      |
| 2061 SUGAR-----                          | 13,508         | 13,508    | -----     | -----     | -----      |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 2,902          | 2,902     | -----     | -----     | -----      |
| 2631 PAPER AND PAPERBOARD-----           | 70,238         | 70,238    | -----     | -----     | -----      |
| 2810 SUDIUM HYDROXIDE-----               | 57,807         | 57,807    | -----     | -----     | -----      |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 178,043        | 59,059    | 118,584   | -----     | -----      |
| 2817 BENZENE AND TOLUENE-----            | 4,158          | -----     | 4,158     | -----     | -----      |
| 2819 BASIC CHEMICALS AND PLNU, NEC-----  | 50,583         | 50,583    | -----     | -----     | -----      |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 15,925         | -----     | 15,925    | -----     | -----      |
| 2879 FERTILIZERS AND MATERIALS, NEC----- | 2,079          | 2,079     | -----     | -----     | -----      |
| 2911 GASOLINE-----                       | 360,674        | 359,815   | 859       | -----     | -----      |
| 2912 JET FUEL-----                       | 6,619          | 6,619     | -----     | -----     | -----      |
| 2913 KEROSENE-----                       | 19,418         | 19,418    | -----     | -----     | -----      |
| 2914 DISTILLATE FUEL OIL-----            | 358,116        | 333,014   | 23,551    | 1,551     | -----      |
| 2915 RESIDUAL FUEL OIL-----              | 122,010        | 20,810    | 101,200   | -----     | -----      |
| 2916 LUBRICATING OILS AND GREASES-----   | 9,785          | 1,487     | 8,298     | -----     | -----      |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 242,667        | 222,982   | 19,685    | -----     | -----      |
| 2920 COKE, PETROLEUM COKE-----           | 51,066         | 5,378     | 45,108    | -----     | -----      |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 1,966          | -----     | 1,966     | -----     | -----      |
| 3211 GLASS AND GLASS PRODUCTS-----       | 1,600          | 1,600     | -----     | -----     | -----      |
| 3271 LIQUID-----                         | 18,238         | 18,238    | -----     | -----     | -----      |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 1,267          | 1,267     | -----     | -----     | -----      |
| 3311 PIG IRON-----                       | 1,543          | 1,543     | -----     | -----     | -----      |
| 3312 SLAG-----                           | 6,134          | -----     | 6,134     | -----     | -----      |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 75,561         | -----     | 75,561    | -----     | -----      |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 31,955         | 571       | 31,384    | -----     | -----      |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 16,301         | 3,300     | 13,041    | -----     | -----      |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 11,086         | 3,463     | 7,623     | -----     | -----      |
| 3318 FERROALLOYS-----                    | 31,901         | 31,901    | -----     | -----     | -----      |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 17,495         | -----     | 17,495    | -----     | -----      |
| 3623 LEAD AND ZINC, UNWORKED-----        | 2,726          | 2,726     | -----     | -----     | -----      |
| 3411 FABRICATED METAL PRODUCTS-----      | 1,672          | -----     | 1,672     | -----     | -----      |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 74             | -----     | 74        | -----     | -----      |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 90             | 90        | -----     | -----     | -----      |
| 4011 IRON AND STEEL SCRAP-----           | 66,444         | 26,682    | 39,802    | -----     | -----      |
| 4118 WATERWAY IMPROVEMENT MAT-----       | 13,359         | 407       | 7,269     | -----     | 5,683      |
| TOTAL TONS-ILES.                         | 1,366,806,689. |           |           |           |            |

ALLEgheny River, PA., IMPROVED PORTION

SECTION INCLUDED: PITTSBURGH, PA., TO ABOVE EAST BRADY, PA., IMPROVED PORTION 72 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|-----------|------------|-----------|-----------|------------|
| 1978----- | 4,404,716 | -----      | 1983----- | 2,922,518 | 821,730    |
| 1979----- | 5,819,088 | 512,550    | 1984----- | 4,349,990 | 630,585    |
| 1980----- | 5,012,599 | 523,027    | 1985----- | 3,667,831 | 669,434    |
| 1981----- | 3,499,828 | 631,316    | 1986----- | 3,491,481 | 670,878    |
| 1982----- | 4,130,942 | 686,196    | 1987----- | 3,694,232 | 900,598    |

## Waterborne Commerce of the United States, 1987

## ALLEGHENY RIVER, PA., IMPROVED PORTION--CONTINUED

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERVAL  |          |         |           |
|---|-----------|-----------|----------|---------|-----------|
|   |           | INBOUND   | OUTBOUND | UPBOUND | DOWNSOUND |
| TOTAL-----                              | 3,894,232 | 1,804,577 | 890,196  | 618,382 | 981,077   |
| 0104 OATS-----                          | 13,190    | 13,190    | -----    | -----   | -----     |
| 0119 OILSEEDS, VEC-----                 | 26,517    | 26,517    | -----    | -----   | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 20,577    | 20,577    | -----    | -----   | -----     |
| 1091 NONFERROUS ORES, CONCENTRATES----- | 1,305     | 1,305     | -----    | -----   | -----     |
| 1121 COAL AND LIGNITE-----              | 954,302   | 937,456   | 16,886   | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 2,050,568 | 82,526    | 413,545  | 574,082 | 980,415   |
| 1451 CLAY-----                          | 10,669    | 10,669    | -----    | -----   | -----     |
| 1471 PHOSPHATE ROCK-----                | 5,602     | 5,602     | -----    | -----   | -----     |
| 1494 GYPSUM, CRUDE AND PLASTERS-----    | 16,233    | 16,233    | -----    | -----   | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 24,649    | 24,649    | -----    | -----   | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 1,443     | -----     | 1,443    | -----   | -----     |
| 2042 ANIMAL FEEDS-----                  | 35,705    | 35,705    | -----    | -----   | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 986       | 986       | -----    | -----   | -----     |
| 2813 ALCOHOLS-----                      | 105,495   | 105,495   | -----    | -----   | -----     |
| 2819 BASIC CHEMICALS AND PROD, VEC----- | 7,694     | 7,694     | -----    | -----   | -----     |
| 2871 CITRUS AND OTHER FERTILIZERS-----  | 9,115     | 7,637     | 1,478    | -----   | -----     |
| 2872 POTASSIUM CHEM FERTILIZERS-----    | 14,890    | 14,890    | -----    | -----   | -----     |
| 2579 FERTILIZER AND MATERIALS, VEC----- | 71,663    | 68,620    | 3,063    | -----   | -----     |
| 2591 MISCELLANEOUS CHEMICAL PROD-----   | 1,396     | 1,396     | -----    | -----   | -----     |
| 2913 DISTILLATE FUEL OIL-----           | 69,519    | 69,519    | -----    | -----   | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 160       | 160       | -----    | -----   | -----     |
| 2916 LUBRICATING OILS AND GREASES-----  | 177,054   | 140,743   | 36,871   | -----   | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 70,363    | 70,363    | -----    | -----   | -----     |
| 2920 COKE, PETROLEUM COKE-----          | 10,217    | 7,375     | 2,842    | -----   | -----     |
| 3312 SLAG-----                          | 4,540     | -----     | 4,540    | -----   | -----     |
| 3319 IRON AND STEEL PRIMARY FORMS-----  | 4,682     | 4,682     | -----    | -----   | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 1,600     | 1,600     | -----    | -----   | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 1,216     | -----     | 1,216    | -----   | -----     |
| 3318 FERRALLEYS-----                    | 81,106    | 81,106    | -----    | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 300       | -----     | 300      | -----   | -----     |
| 8011 IRON AND STEEL SCRAP-----          | 98,652    | 47,842    | 7,174    | 43,636  | -----     |
| 8119 WATERWAY IMPROVEMENT MAT-----      | 2,164     | -----     | 836      | 664     | 662       |
| TOTAL TON-MILES, 58,784,846.            |           |           |          |         |           |

## PITTSBURGH, PA., DISTRICT (INCLUDED IN ALLEGHENY, MONONGAHELA, AND OHIO RIVERS)

SECTION INCLUDED: ALLEGHENY RIVER, MONONGAHELA RIVER, AND OHIO RIVER ABOVE MILE 127.2. CONTROLLING DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1975----- | 61,002,020 | 2,695      | 1985----- | 54,107,405 | 1,6925,211 |
| 1979----- | 70,860,667 | 1,553,406  | 1984----- | 67,376,204 | 1,582,502  |
| 1980----- | 66,645,342 | 1,181,531  | 1985----- | 57,662,170 | 1,707,117  |
| 1981----- | 62,127,755 | 1,287,932  | 1986----- | 60,532,598 | 1,669,218  |
| 1982----- | 57,012,105 | 1,512,254  | 1987----- | 63,307,083 | 1,773,656  |

## SUMMARY OF TRAFFIC, PITTSBURGH, PA., ENGINEER DISTRICT, 1987

## DOMESTIC

(SHORT TONS)

| LOCALITY   | TOTAL       | COASTWISE |           | INTERNAL    |             | LOCAL      |
|--|-------------|-----------|-----------|-------------|-------------|------------|
|  |             | RECEIPTS  | SHIPMENTS | RECEIPTS    | SHIPMENTS   |            |
| PORT OF PITTSBURGH, PA.-----                               | 28,840,424  | -----     | -----     | 22,672,617  | 3,331,203   | 2,836,608  |
| OTHER AREAS IN THE PITTSBURGH, PA., ENGINEER DISTRICT----- | 98,577,308  | -----     | -----     | 10,687,820  | 21,772,992  | 16,516,496 |
| TOTAL-----   | 77,417,732  | -----     | -----     | 33,160,437  | 25,104,195  | 19,153,100 |
| LESS DUPLICATIONS-----                                     | -14,110,649 | -----     | -----     | -14,110,649 | -14,110,649 | 14,110,649 |
| GRAND TOTAL, ALL TRAFFIC-----                              | 63,307,083  | -----     | -----     | 19,049,788  | 10,993,546  | 33,263,749 |

## OTHER HARBOURS AND WATERWAYS

| HARBOR OR WATERWAY   | COMMODITY            | TONS | TOTAL TON-MILES | PASSENGERS |
|--|----------------------|------|-----------------|------------|
| PROJECT<br>ALLEGHENY RIVER, PA., OPEN CHANNEL PORTION----- | NO COMMERCE REPORTED |      |                 |            |

# OHIO RIVER DIVISION

35

## OHIO RIVER

SECTION INCLUDED: PITTSBURGH, PA., TO MOUTH OF RIVER, 981 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL<br>TRAFFIC<br>(TONS) | RAFTED<br>(TONS) | TOTAL<br>(TONS) | PASSENGERS | YEAR      | VESSEL<br>TRAFFIC<br>(TONS) | RAFTED<br>(TONS) | TOTAL<br>(TONS) | PASSENGERS |
|-----------|-----------------------------|------------------|-----------------|------------|-----------|-----------------------------|------------------|-----------------|------------|
| 1978----- | 152,571,017                 | -----            | 152,571,017     | 373,191    | 1983----- | 150,390,666                 | -----            | 150,390,666     | 1,283,087  |
| 1979----- | 165,320,919                 | -----            | 165,320,919     | 1,299,489  | 1984----- | 174,697,494                 | -----            | 174,697,494     | 1,281,686  |
| 1980----- | 155,906,719                 | -----            | 155,906,719     | 1,000,890  | 1985----- | 177,484,195                 | -----            | 177,484,195     | 1,453,894  |
| 1981----- | 158,719,091                 | -----            | 158,719,091     | 1,150,547  | 1986----- | 195,618,402                 | -----            | 195,618,402     | 1,482,537  |
| 1982----- | 150,723,398                 | -----            | 150,723,398     | 1,204,556  | 1987----- | 197,173,079                 | -----            | 197,173,079     | 1,707,064  |

### FREIGHT TRAFFIC, 1987

#### DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL       | COASTWISE |                |            | INTERNAL   |            |            | THROUGH    |           |
|--|-------------|-----------|----------------|------------|------------|------------|------------|------------|-----------|
|  |             | RECEIPTS  | SHIPMENTS      | INBOUND    | OUTBOUND   | UPBOUND    | DOWNBOUND  | UPBOUND    | DOWNBOUND |
| TOTAL-----                               | 197,173,079 | 1,286     | 900,44,870,748 | 59,499,045 | 29,715,263 | 20,745,860 | 13,759,250 | 20,580,727 | -----     |
| 0102 BARLEY AND MALT-----                | 1,629       | -----     | 1,629          | -----      | -----      | -----      | -----      | -----      | -----     |
| 0103 CORN-----                           | 4,937,864   | -----     | 14,804         | 3,534,006  | 4,412      | 50         | 1,257,942  | 126,850    | -----     |
| 0105 OATS-----                           | 59,466      | -----     | 13,277         | -----      | -----      | -----      | 46,189     | -----      | -----     |
| 0106 RICE-----                           | 11,745      | -----     | -----          | 11,745     | -----      | -----      | -----      | -----      | -----     |
| 0106 SORGHUM GRAINS-----                 | 269,304     | -----     | -----          | 247,450    | -----      | -----      | -----      | -----      | 21,854    |
| 0107 WHEAT-----                          | 1,263,204   | -----     | 54,279         | 766,532    | 4,852      | 2,976      | 323,558    | 111,007    | -----     |
| 0111 SOYBEANS-----                       | 2,426,250   | -----     | 66,838         | 1,789,699  | 5,804      | 40,360     | 358,674    | 160,883    | -----     |
| 0119 OILSEEDS, NEC-----                  | 27,735      | -----     | 1,218          | -----      | -----      | -----      | 26,517     | -----      | -----     |
| 0122 HAY AND FORAGE-----                 | 1,333       | -----     | -----          | -----      | -----      | -----      | -----      | 1,333      | -----     |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 1,367       | -----     | -----          | 1,367      | -----      | -----      | -----      | -----      | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 7,284       | -----     | 7,284          | -----      | -----      | -----      | -----      | -----      | -----     |
| 1011 IRON ORE AND CONCENTRATES-----      | 1,763,728   | -----     | 1,566,217      | 2,508      | 1,479      | -----      | 193,522    | -----      | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 104,770     | -----     | 75,501         | 1,400      | 1,400      | -----      | 26,469     | -----      | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 202,484     | -----     | 164,886        | -----      | -----      | 1,509      | 7,263      | 20,826     | -----     |
| 1091 NONFERROUS ORES, CONCENT., VEC----- | 207,549     | -----     | 48,235         | 5,749      | -----      | -----      | 137,433    | 50,132     | -----     |
| 1121 COAL AND LIGNITE-----               | 114,677,273 | -----     | 25,897,691     | 37,127,484 | 21,226,549 | 17,361,565 | 3,530,027  | 9,533,957  | -----     |
| 1311 CRUDE PETROLEUM-----                | 359,293     | -----     | 48,466         | 187,041    | 51,595     | 66,232     | -----      | 3,959      | -----     |
| 1411 LIMESTONE-----                      | 4,465,125   | -----     | 606,250        | 260,562    | 1,187,242  | 369,723    | 244,788    | 1,794,640  | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 19,136,103  | -----     | 284,584        | 6,165,031  | 4,162,483  | 6,252,693  | 25,994     | 2,306,518  | -----     |
| 1451 CLAY-----                           | 62,672      | -----     | 33,679         | 20,387     | 5,500      | -----      | 3,186      | -----      | -----     |
| 1471 PHOSPHATE ROCK-----                 | 51,753      | -----     | 4,020          | 7,065      | 57,983     | -----      | -----      | 2,725      | -----     |
| 1479 NATURAL FERTILIZER MATS, NEC-----   | 2,773       | -----     | 1,423          | -----      | -----      | -----      | 1,350      | -----      | -----     |
| 1490 GYPSUM, CRUDE AND PLASTERS-----     | 71,970      | -----     | 23,155         | 16,233     | -----      | -----      | 32,586     | -----      | -----     |
| 1499 NUNMETALLIC MINERALS, NEC-----      | 1,923,769   | -----     | 713,193        | 1,400      | 12,611     | -----      | 1,196,565  | -----      | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 1,443       | -----     | -----          | -----      | -----      | -----      | -----      | 1,443      | -----     |
| 2042 ANIMAL FEEDS-----                   | 2,446,190   | -----     | 29,698         | 1,879,392  | -----      | -----      | 106,938    | 429,162    | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 1,194,984   | -----     | 1,491          | 1,042,423  | -----      | -----      | 12,353     | 138,717    | -----     |
| 2061 SUGAR-----                          | 30,821      | -----     | -----          | 5,946      | 1,450      | -----      | 23,425     | -----      | -----     |
| 2062 MOLASSES-----                       | 26,916      | -----     | -----          | 26,916     | -----      | -----      | -----      | -----      | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 320,061     | -----     | 14,030         | 168,474    | 95,982     | -----      | 2,800      | 59,510     | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 8,700       | -----     | -----          | 8,700      | -----      | -----      | -----      | -----      | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----         | 2,666       | -----     | 2,666          | -----      | -----      | -----      | -----      | 16,954     | -----     |
| 2411 LOGS-----                           | 25,106      | -----     | -----          | 8,152      | -----      | -----      | -----      | 1,173      | -----     |
| 2421 WOOD CHIPS, STAVES, HOLDINGS-----   | 1,173       | -----     | -----          | -----      | -----      | -----      | -----      | -----      | -----     |
| 2431 LUMBER-----                         | 3,825       | -----     | 2,325          | -----      | -----      | -----      | 1,500      | -----      | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 33,812      | -----     | 30,910         | -----      | -----      | -----      | 2,902      | -----      | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----       | 36,671      | -----     | -----          | -----      | -----      | -----      | 670        | 36,001     | -----     |
| 2631 PAPER AND PAPERBOARD-----           | 106,650     | -----     | 36,057         | -----      | -----      | -----      | 70,238     | 2,375      | -----     |
| 2610 SODIUM HYDROXIDE-----               | 759,710     | -----     | 302,628        | 70,177     | 1,400      | 87,588     | 176,383    | 121,334    | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 550,243     | -----     | 155,533        | 232,466    | 21,599     | 26,385     | 67,922     | 46,336     | -----     |
| 2813 ALCOHOL-----                        | 1,085,863   | 1,286     | 547,062        | 2,667      | -----      | 3,679      | 512,630    | 16,535     | -----     |
| 2817 BENZENE AND TOLUENE-----            | 202,339     | -----     | 74,288         | 86,371     | 5,570      | 20,118     | 6,506      | 11,486     | -----     |
| 2818 SULPHURIC ACID-----                 | 80,864      | -----     | 1,150          | -----      | 42,505     | -----      | 32,875     | 4,334      | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 6,757,390   | -----     | 3,929,558      | 243,051    | 16,031     | 1,065,276  | 1,361,679  | 140,995    | -----     |
| 2821 PLASTIC MATERIALS-----              | 4,233       | -----     | -----          | -----      | -----      | -----      | -----      | 4,233      | -----     |
| 2841 SOAP-----                           | 5,666       | -----     | -----          | 5,666      | -----      | -----      | -----      | -----      | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 1,190,251   | -----     | 829,967        | 30,004     | 44,826     | 6,576      | 186,878    | 92,804     | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 535,559     | -----     | 370,188        | 12,140     | 26,589     | -----      | 126,642    | -----      | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 91,454      | -----     | -----          | 79,829     | 1,017      | -----      | 2,492      | 7,516      | -----     |
| 2879 FERTILIZER AND MATERIALS, VEC-----  | 654,120     | -----     | 489,802        | 2,995      | 2,930      | -----      | 152,875    | 5,520      | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 127,573     | -----     | 151,158        | 69,222     | -----      | -----      | 62,036     | 1,157      | -----     |
| 2911 GASOLINE-----                       | 6,555,267   | -----     | 1,893,194      | 1,370,801  | 832,971    | 1,694,131  | 534,510    | 29,760     | -----     |
| 2912 JET FUEL-----                       | 1,063,268   | -----     | 393,431        | 142,666    | 159,625    | 366,852    | 1,634      | -----      | -----     |
| 2913 KEROSENE-----                       | 114,344     | -----     | 29,268         | 44,420     | 25,753     | 15,075     | 1,808      | -----      | -----     |
| 2914 DISTILLATE FUEL OIL-----            | 3,556,991   | -----     | 1,025,650      | 869,316    | 383,878    | 857,918    | 395,729    | 29,500     | -----     |
| 2915 RESIDUAL FUEL OIL-----              | 1,392,475   | -----     | 574,821        | 326,656    | 125,583    | 13,064     | 66,293     | 286,056    | -----     |
| 2916 LUBRICATING OILS AND GREASES-----   | 875,300     | -----     | 667,131        | 92,070     | 13,286     | 18,472     | 169,569    | 112,772    | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 183,251     | -----     | 97,823         | 5,221      | 1,251      | 4,071      | 1,260      | 73,616     | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 2,486,428   | -----     | 1,123,367      | 326,186    | 35,174     | 121,959    | 604,917    | 274,825    | -----     |
| 2920 COKE, PETROLEUM COKE-----           | 1,436,317   | -----     | 777,241        | 150,578    | 57,585     | 54,108     | 353,075    | 45,730     | -----     |
| 2921 LIQUEFIED GASES-----                | 93,211      | -----     | -----          | 17,285     | -----      | -----      | 59,355     | 10,571     | -----     |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 2,316       | -----     | -----          | 350        | -----      | -----      | -----      | 1,966      | -----     |
| 3211 GLASS AND GLASS PRODUCTS-----       | 1,600       | -----     | -----          | -----      | -----      | -----      | 1,600      | -----      | -----     |
| 3241 BUILDING CEMENT-----                | 1,915,575   | -----     | 167,453        | 277,653    | 327,460    | 41,150     | 701,859    | -----      | -----     |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 9,458       | -----     | 9,458          | -----      | -----      | -----      | -----      | -----      | -----     |
| 3271 LIME-----                           | 1,098,760   | -----     | 192,019        | 104,017    | 670,949    | 44,870     | -----      | 26,305     | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 14,896      | -----     | -----          | 13,629     | -----      | -----      | -----      | 1,267      | -----     |
| 3311 PIG IRON-----                       | 70,706      | -----     | 33,705         | 19,505     | -----      | 22,355     | 3,143      | -----      | -----     |
| 3312 SLAG-----                           | 423,342     | -----     | 17,004         | 262,073    | 757        | 66,497     | 1,600      | 55,411     | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 696,568     | -----     | 237,905        | 254,914    | 723        | 28,290     | 116,950    | 57,586     | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 922,474     | -----     | 414,863        | 327,797    | 100        | 4,379      | 117,000    | 57,447     | -----     |

## Waterborne Commerce of the United States, 1987.

## OHIO RIVER--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                            | TOTAL     | COASTWISE |           | INTERNAL |          |         |           | THROUGH |           |
|--------------------------------------|-----------|-----------|-----------|----------|----------|---------|-----------|---------|-----------|
|                                      |           | RECEIPTS  | SHIPMENTS | INBOUND  | OUTBOUND | UPBOUND | DOWNBOUND | UPBOUND | DOWNBOUND |
| 3316 IRON AND STEEL PLATES, SHEETS-- | 284,844   | -----     | -----     | 45,706   | 138,981  | -----   | 7,188     | 84,744  | 8,133     |
| 3317 IRON AND STEEL PIPE AND TUBE--  | 183,879   | -----     | -----     | 17,323   | 48,424   | 300     | 1,268     | 8,515   | 108,049   |
| 3318 FERROALLOYS-----                | 638,267   | -----     | -----     | 498,311  | 3,554    | 1,440   | 5,991     | 120,313 | 8,658     |
| 3319 IRON AND STEEL PRODUCTS, NEC--  | 207,114   | -----     | -----     | 48,988   | 91,479   | -----   | 13,359    | 38,767  | 14,521    |
| 3321 NONFERROUS METALS, NEC-----     | 6,349     | -----     | -----     | 6,349    | -----    | -----   | -----     | -----   | -----     |
| 3322 COPPER ALLOYS, UNWORKED-----    | 3,140     | -----     | -----     | -----    | 1,615    | -----   | -----     | 1,525   | -----     |
| 3323 LEAD AND ZINC, UNWORKED-----    | 25,899    | -----     | -----     | 15,685   | 2,818    | -----   | -----     | 7,398   | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-- | 20,597    | -----     | -----     | 12,803   | -----    | -----   | -----     | 3,302   | 4,412     |
| 3411 FABRICATED METAL PRODUCTS-----  | 42,749    | -----     | -----     | 30,031   | 6,542    | -----   | -----     | 3,402   | 2,774     |
| 3511 MACHINERY, EXCEPT ELECTRICAL--  | 33,528    | -----     | -----     | 16,971   | 4,164    | -----   | 6,698     | 180     | 5,515     |
| 3611 ELECTRICAL MACH AND EQUIP-----  | 2,527     | -----     | 900       | 512      | 1,025    | -----   | -----     | 90      | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP--  | 3,806     | -----     | -----     | 3,806    | -----    | -----   | -----     | -----   | -----     |
| 3721 AIRCRAFT AND PARTS-----         | 1,661     | -----     | -----     | 1,661    | -----    | -----   | -----     | -----   | -----     |
| 3731 SHIPS AND BOATS-----            | 1,000     | -----     | -----     | 1,000    | -----    | -----   | -----     | -----   | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT-- | 14        | -----     | -----     | -----    | -----    | -----   | -----     | -----   | 14        |
| 4011 IRON AND STEEL SCRAP-----       | 1,167,615 | -----     | -----     | 123,531  | 464,754  | 122,618 | 28,343    | 47,326  | 581,043   |
| 4012 NONFERROUS METAL SCRAP-----     | 4,644     | -----     | -----     | -----    | -----    | -----   | -----     | -----   | 4,644     |
| 4029 WASTE AND SCRAP, NEC-----       | 43,249    | -----     | -----     | -----    | 40,849   | -----   | 2,400     | -----   | -----     |
| 4112 COMMODITIES, NEC-----           | 20        | -----     | -----     | -----    | -----    | 20      | -----     | -----   | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----   | 3,763,539 | -----     | -----     | 7,788    | 52,477   | -----   | -----     | 3,680   | 3,719,594 |
| 4119 EMPTY CONTAINERS-----           | 800       | -----     | -----     | -----    | -----    | -----   | -----     | -----   | 800       |
| TOTAL TON-MILES, 48,671,838,551.     |           |           |           |          |          |         |           |         |           |

OTHER PORTS ON OHIO RIVER  
(INCLUDED IN TRAFFIC OF OHIO RIVER)

## COMPARATIVE STATEMENT OF TRAFFIC

(SHORT TONS)

| YEAR      | HUNTINGTON,<br>W. VA. | CINCINNATI,<br>OHIO | LOUISVILLE,<br>KY. | MOUNT<br>VERNON,<br>IND. | YEAR      | HUNTINGTON,<br>W. VA. | CINCINNATI,<br>OHIO | LOUISVILLE,<br>KY. | MOUNT<br>VERNON,<br>IND. |
|-----------|-----------------------|---------------------|--------------------|--------------------------|-----------|-----------------------|---------------------|--------------------|--------------------------|
| 1978----- | 16,656,352            | 11,907,971          | 8,838,067          | 3,533,382                | 1983----- | 14,824,845            | 15,963,819          | 6,978,224          | 3,874,569                |
| 1979----- | 16,502,610            | 12,010,905          | 9,537,268          | 4,256,382                | 1984----- | 21,731,670            | 15,936,403          | 8,042,120          | 5,842,789                |
| 1980----- | 19,226,875            | 10,833,216          | 7,694,745          | 4,013,027                | 1985----- | 19,643,608            | 16,215,227          | 8,019,622          | 5,800,647                |
| 1981----- | 18,561,240            | 15,084,485          | 7,760,336          | 3,995,664                | 1986----- | 20,851,767            | 12,275,613          | 9,869,409          | 6,003,787                |
| 1982----- | 13,748,329            | 18,120,151          | 5,701,896          | 3,648,258                | 1987----- | 18,722,337            | 11,995,343          | 9,362,237          | 5,591,394                |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | HUNTINGTON,<br>W. VA. | CINCINNATI,<br>OHIO | LOUISVILLE,<br>KY. | MOUNT<br>VERNON,<br>IND. |
|---|-----------------------|---------------------|--------------------|--------------------------|
| TOTAL, ALL TRAFFIC-----                 | 1,672,221             | 1,199,506           | 936,196            | 559,126                  |
| COASTWISE RECEIPTS                      |                       |                     |                    |                          |
| 2813 ALCOHOLS-----                      |                       | 128                 | -----              | -----                    |
| COASTWISE SHIPMENTS                     |                       |                     |                    |                          |
| 3611 ELECTRICAL MACH AND EQUIP-----     |                       | -----               | -----              | 90                       |
| INTERNAL RECEIPTS                       |                       |                     |                    |                          |
| 0103 CORN-----                          | 628                   | 154                 | -----              | 138                      |
| 0104 OATS-----                          | -----                 | 314                 | 151                | -----                    |
| 0107 WHEAT-----                         | -----                 | -----               | -----              | 5,755                    |
| 0111 SOYBEANS-----                      | -----                 | 165                 | -----              | -----                    |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | -----                 | -----               | 435                | -----                    |
| 1011 IRON ORE AND CONCENTRATES-----     | 300                   | 53,239              | 143                | 140                      |
| 1121 COAL AND LIGNITE-----              | 1,093                 | 379,860             | 96,236             | -----                    |
| 1311 CRUDE PETROLEUM-----               | -----                 | -----               | -----              | 7,408                    |
| 1411 LIMESTONE-----                     | 3,239                 | 5,132               | -----              | -----                    |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 17,906                | 90,157              | 130,762            | 200                      |
| 1499 NORMETALLIC MINERALS, NEC-----     | 1,336                 | 32,456              | 10,872             | 2,269                    |
| 2042 ANIMAL FEEDS-----                  | -----                 | 1,257               | 137                | 276                      |
| 2061 SUGAR-----                         | -----                 | -----               | 594                | -----                    |
| 2062 MOLASSES-----                      | -----                 | 1,041               | -----              | -----                    |
| 2091 VEGETABLE OILS, WAX, SHORT-----    | -----                 | 7,158               | 3,042              | -----                    |
| 2211 BASIC TEXTILE PRODUCTS-----        | -----                 | 103                 | 163                | -----                    |
| 2421 LUMBER-----                        | -----                 | 87                  | -----              | -----                    |
| 2631 PAPER AND PAPERBOARD-----          | -----                 | 1,443               | 133                | -----                    |
| 2810 SODIUM HYDROXIDE-----              | -----                 | 30,654              | 1,068              | -----                    |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | -----                 | 130                 | 1,218              | -----                    |
| 2813 ALCOHOLS-----                      | -----                 | 20,519              | 11,608             | -----                    |
| 2917 BENZENE AND TOLUENE-----           | -----                 | 285                 | 1,782              | -----                    |
| 2818 BISULPHURIC ACID-----              | -----                 | -----               | 115                | -----                    |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | -----                 | 35,823              | 20,308             | 32,082                   |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | -----                 | 33,894              | 10,749             | 7,336                    |
| 2872 POTASSIC CHEM FERTILIZERS-----     | -----                 | 10,040              | 8,520              | 6,132                    |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | -----                 | 4,767               | 163                | 720                      |
| 2879 FERTILIZER AND MATERIALS, NEC----- | -----                 | 14,002              | 3,677              | 6,210                    |

## OHIO RIVER DIVISION

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OTHER PORTS ON OHIO RIVER  
(INCLUDED IN TRAFFIC OF OHIO RIVER)--CONTINUED  
FREIGHT TRAFFIC, 1967--CONTINUED  
(SHORT TONS)

| COMMODITY                               | HUNTINGTON,<br>W. VA. | CINCINNATI,<br>OHIO | LOUISVILLE,<br>KY. | MOUNT<br>VERNON,<br>IND. |
|---|-----------------------|---------------------|--------------------|--------------------------|
| <b>INTERNAL RECEIPTS--CONTINUED</b>     |                       |                     |                    |                          |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   |                       |                     | 139                |                          |
| 2911 GASOLINE-----                      | 37,147                | 178,538             | 5,501              |                          |
| 2912 JET FUEL-----                      | 39,232                | 35,631              | 711                |                          |
| 2913 KEROSENE-----                      | 662                   | 694                 | 1,664              |                          |
| 2914 DISTILLATE FUEL OIL-----           | 128                   | 28,693              | 58,025             | 4,700                    |
| 2915 RESIDUAL FUEL OIL-----             |                       | 7,757               | 195                | 708                      |
| 2916 LUBRICATING OILS AND GREASES-----  | 687                   | 16,587              | 5,493              | 116                      |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   |                       | 4,172               | 1,780              |                          |
| 2918 ASPHALT, TAR, AND PITCHES-----     |                       | 72,715              | 27,512             | 618                      |
| 2920 COKE, PETROLEUM COKE-----          |                       | 2,981               | 4,157              |                          |
| 3241 BUILDING CEMENT-----               | 4,926                 | 28,169              | 5,630              |                          |
| 3291 MISC NONMETALLIC MINERAL PROD----- |                       | 308                 |                    |                          |
| 3314 IRON AND STEEL PRIMARY FOMS-----   |                       | 5,805               | 6,686              | 27                       |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- |                       | 11,291              | 6,597              |                          |
| 3316 IRON AND STEEL PLATES, SHEETS----- |                       | 1,754               | 1,101              |                          |
| 3317 IRON AND STEEL PIPE AND TUBE-----  |                       | 669                 | 107                | 263                      |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  |                       | 1,390               | 1,309              |                          |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- |                       | 505                 |                    |                          |
| 3411 FABRICATED METAL PRODUCTS-----     |                       | 131                 | 30                 | 30                       |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  |                       | 52                  | 1,025              | 158                      |
| 3751 SHIPS AND BOATS-----               |                       |                     | 100                |                          |
| 4011 IRON AND STEEL SCRAP-----          |                       |                     | 718                |                          |
| 4029 WASTE AND SCRAP, NEC-----          |                       |                     | 240                |                          |
| <b>TOTAL-----</b>                       | <b>30,047</b>         | <b>982,914</b>      | <b>643,183</b>     | <b>83,170</b>            |
| <b>INTERNAL SHIPMENTS</b>               |                       |                     |                    |                          |
| 0103 CORN-----                          |                       | 57,526              | 15,549             | 59,042                   |
| 0106 SORGHUM GRAINS-----                |                       |                     |                    | 5,738                    |
| 0107 WHEAT-----                         |                       | 4,787               | 1,016              | 12,373                   |
| 0111 SOYBEANS-----                      |                       | 41,042              | 4,557              | 35,799                   |
| 0191 MISCELLANEOUS FARM PRODUCTS-----   |                       |                     |                    | 136                      |
| 1121 COAL AND LIGNITE-----              | 1,214,483             | 22,677              | 125,468            | 296,569                  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    |                       |                     | 1,750              |                          |
| 1471 PHOSPHATE ROCK-----                | 4,354                 |                     |                    |                          |
| 1499 NONMETALLIC MINERALS, NEC-----     | 1,261                 |                     |                    |                          |
| 2042 ANIMAL FEEDS-----                  | 273                   | 34,220              | 11,352             | 40,032                   |
| 2049 GRAIN MILL PRODUCTS, NEC-----      |                       | 6,391               | 409                | 2,329                    |
| 2061 SUGAR-----                         |                       | 145                 |                    |                          |
| 2091 VEGETABLE OILS, MARG, SHORT-----   |                       | 151                 |                    |                          |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   |                       | 870                 |                    |                          |
| 2411 LOGS-----                          |                       | 199                 |                    | 252                      |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 248                   | 1,675               | 308                |                          |
| 2813 ALCOHOLS-----                      | 248                   |                     | 266                |                          |
| 2817 BENZENE AND TOLUENE-----           | 190                   | 2,661               |                    |                          |
| 2819 BASIC CHEMICALS AND PROD, NEC----- |                       |                     | 104,736            | 8,073                    |
| 2841 SOAP-----                          |                       |                     | 566                |                          |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  |                       | 2,463               | 138                | 1,194                    |
| 2872 POTASSIUM CHEM FERTILIZERS-----    |                       |                     |                    | 150                      |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   |                       | 249                 |                    |                          |
| 2911 GASOLINE-----                      |                       |                     | 1,766              |                          |
| 2912 JET FUEL-----                      | 552,688               |                     | 3,308              | 6,600                    |
| 2913 KEROSENE-----                      | 66,517                |                     | 296                |                          |
| 2914 DISTILLATE FUEL OIL-----           |                       | 8,324               |                    |                          |
| 2915 RESIDUAL FUEL OIL-----             |                       | 188,078             |                    | 327                      |
| 2916 LUBRICATING OILS AND GREASES-----  |                       | 338                 | 6,269              |                          |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   |                       | 3,630               |                    |                          |
| 2918 ASPHALT, TAR, AND PITCHES-----     |                       | 458                 |                    |                          |
| 2920 COKE, PETROLEUM COKE-----          |                       |                     | 11,227             | 875                      |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- |                       | 162                 | 2,358              | 140                      |
| 3316 IRON AND STEEL PLATES, SHEETS----- |                       | 382                 |                    | 165                      |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  |                       |                     | 144                | 110                      |
| 3411 FABRICATED METAL PRODUCTS-----     |                       | 140                 | 1,321              |                          |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  |                       | 45                  |                    | 65                       |
| 3611 ELECTRICAL MACH AND EQUIP-----     |                       |                     | 11                 | 166                      |
| 4011 IRON AND STEEL SCRAP-----          |                       |                     | 11,932             | 21,476                   |
| 4118 WATERWAY IMPROVEMENT MAT-----      |                       |                     |                    | 1,507                    |
| <b>TOTAL-----</b>                       | <b>1,841,774</b>      | <b>210,383</b>      | <b>295,011</b>     | <b>475,704</b>           |
| <b>LUCAS</b>                            |                       |                     |                    |                          |
| 0107 WHEAT-----                         |                       |                     |                    | 162                      |
| 1121 COAL AND LIGNITE-----              |                       | 4,534               |                    |                          |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  |                       | 775                 |                    |                          |
| 2915 RESIDUAL FUEL OIL-----             |                       | 700                 |                    |                          |
| 3314 IRON AND STEEL PRIMARY FOMS-----   |                       | 72                  |                    |                          |
| <b>TOTAL-----</b>                       |                       | <b>6,081</b>        |                    | <b>162</b>               |

## Waterborne Commerce of the United States, 1987

## OHIO RIVER SYSTEM

SECTION INCLUDED: MAIN CHANNELS AND ALL NAVIGABLE TRIBUTARIES AND EMBAYMENTS OF THE OHIO, TENNESSEE AND CUMBERLAND RIVERS.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS        | YEAR      | TONS        |
|-----------|-------------|-----------|-------------|
| 1978----- | 177,582,963 | 1983----- | 171,153,386 |
| 1979----- | 194,777,489 | 1984----- | 202,222,853 |
| 1980----- | 179,321,958 | 1985----- | 203,886,349 |
| 1981----- | 181,853,048 | 1986----- | 222,222,854 |
| 1982----- | 173,996,572 | 1987----- | 226,698,386 |

## INTERVAL AND LOCAL TRAFFIC, BY COMMODITY, CALENDAR YEAR 1987

(SHORT TONS)

| COMMODITY                               | TOTAL TONS<br>(EXCLUDING<br>DUPLICATIONS) | COMMODITY                               | TOTAL TONS<br>(EXCLUDING<br>DUPLICATIONS) |
|---|---|---|---|
| 0102 BARLEY AND RYE-----                | 1,629                                     | 2871 NITROGENOUS CHEM FERTILIZERS-----  | 1,234,132                                 |
| 0103 CURN-----                          | 5,109,332                                 | 2872 POTASSIC CHEM FERTILIZERS-----     | 535,559                                   |
| 0104 DATS-----                          | 60,596                                    | 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 91,454                                    |
| 0105 RICE-----                          | 11,745                                    | 2879 FERTILIZER AND MATERIALS, NEC----- | 681,513                                   |
| 0106 SORGHUM GRAINS-----                | 270,670                                   | 2891 MISCELLANEOUS CHEMICAL PROD-----   | 192,013                                   |
| 0107 WHEAT-----                         | 1,295,581                                 | 2911 GASOLINE-----                      | 6,493,663                                 |
| 0111 SOYBEANS-----                      | 2,565,100                                 | 2912 JET FUEL-----                      | 1,063,208                                 |
| 0119 OILSEEDS, NEC-----                 | 27,735                                    | 2913 KEROSENE-----                      | 114,384                                   |
| 0122 HAY AND FODDER-----                | 1,333                                     | 2914 DISTILLATE FUEL OIL-----           | 3,642,737                                 |
| 0191 MISCELLANEOUS FARM PRODUCTS-----   | 1,367                                     | 2915 RESIDUAL FUEL OIL-----             | 1,403,663                                 |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 7,284                                     | 2916 LUBRICATING OILS AND GREASES-----  | 675,300                                   |
| 1011 IRON ORE AND CONCENTRATES-----     | 1,763,726                                 | 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 235,139                                   |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 104,770                                   | 2918 ASPHALT, TAR, AND PITCHES-----     | 2,512,720                                 |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 202,480                                   | 2920 COKE, PETROLEUM CORE-----          | 1,436,317                                 |
| 1091 NONFERROUS ORES, CONCEN, NEC-----  | 346,351                                   | 2921 LIQUEFIED GASES-----               | 93,211                                    |
| 1121 COAL AND LIGNITE-----              | 137,270,243                               | 2991 PETROLEUM AND COAL PROD, NEC-----  | 2,316                                     |
| 1311 CRUDE PETROLEUM-----               | 359,333                                   | 3211 GLASS AND GLASS PRODUCTS-----      | 1,600                                     |
| 1411 LIMESTONE-----                     | 4,951,064                                 | 3241 BUILDING CEMENT-----               | 1,542,175                                 |
| 1462 SAND, GRAVEL, CRUSHED ROCK-----    | 23,349,689                                | 3251 STRUCTURAL CLAY PRODUCITS-----     | 9,458                                     |
| 1451 CLAY-----                          | 67,527                                    | 3271 LIME-----                          | 1,101,388                                 |
| 1471 PHOSPHATE ROCK-----                | 51,753                                    | 3291 MISC NONMETALLIC MINERAL PROD----- | 16,496                                    |
| 1479 NATURAL FERTILIZER MATS, NEC-----  | 2,773                                     | 3311 PIG IRON-----                      | 78,708                                    |
| 1494 GYPSUM, CRUDE AND PLASTERS-----    | 107,874                                   | 3312 SLAG-----                          | 430,791                                   |
| 1499 NONMETALLIC MINERALS, NEC-----     | 1,938,578                                 | 3314 IRON AND STEEL PRIMARY FORMS-----  | 696,368                                   |
| 2016 TALLOW, ANIMAL FATS AND OILS-----  | 7,016                                     | 3316 IRON AND STEEL PLATES, SHEETS----- | 284,844                                   |
| 2082 ANIMAL FEEDS-----                  | 2,456,313                                 | 3317 IRON AND STEEL PIPE AND TUBE-----  | 184,329                                   |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 1,202,273                                 | 3318 FERROALLOYS-----                   | 641,271                                   |
| 2061 SUGAR-----                         | 30,821                                    | 3319 IRON AND STEEL PRODUCTS, NEC-----  | 207,114                                   |
| 2062 MOLASSES-----                      | 26,916                                    | 3321 NONFERROUS METALS, NEC-----        | 6,349                                     |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 382,725                                   | 3322 COPPER ALLOYS, UNMURRED-----       | 3,140                                     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 8,700                                     | 3323 LEAD AND ZINC, UNWORKED-----       | 25,899                                    |
| 2211 BASIC TEXTILE PRODUCTS-----        | 2,666                                     | 3324 ALUMINUM AND ALLOYS, JWWORKED----- | 20,597                                    |
| 2411 LOGS-----                          | 153,572                                   | 3411 FABRICATED METAL PRODUCTS-----     | 42,805                                    |
| 2415 PULPWOOD, LOG-----                 | 10,296                                    | 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 37,222                                    |
| 2416 WOOD CHIPS, STAVES, HOLDINGS-----  | 428,560                                   | 3611 ELECTRICAL MACH AND EQUIP-----     | 2,027                                     |
| 2421 LUMBER-----                        | 3,825                                     | 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 3,806                                     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 33,812                                    | 3721 AIRCRAFT AND PARTS-----            | 1,661                                     |
| 2611 PULP-----                          | 6,599                                     | 3731 SHIPS AND BOATS-----               | 1,000                                     |
| 2621 STANDARD NEWSPRINT PAPER-----      | 39,670                                    | 3791 MISC TRANSPORTATION EQUIPMENT----- | 1,084                                     |
| 2631 PAPER AND PAPERBOARD-----          | 219,811                                   | 4011 IRON AND STEEL SCRAP-----          | 1,217,271                                 |
| 2610 SODIUM HYDRUXIDE-----              | 620,783                                   | 4012 NONFERROUS METAL SCRAP-----        | 6,649                                     |
| 2611 CRUDE TAR, OIL, GAS PRODUCTS-----  | 590,886                                   | 4029 WASTE AND SCRAP, NEC-----          | 43,249                                    |
| 2613 ALCOHOLS-----                      | 1,062,577                                 | 4112 COMMODITIES, NEC-----              | 20  |
| 2617 BENZENE AND TOLUENE-----           | 202,339                                   | 4118 WATERWAY IMPROVEMENT MAT-----      | 3,845,395                                 |
| 2618 SULPHURIC ACID-----                | 122,713                                   | 4119 EMPTY CONTAINERS-----              | 800                                       |
| 2619 BASIC CHEMICALS AND PROD, NEC----- | 7,011,243                                 | TOTAL SHORT TONS-----                   | 226,698,386                               |
| 2621 PLASTIC MATERIALS-----             | 4,233                                     | TOTAL TON-MILES, 59,776,081,999         |   |
| 2622 SYNTHETIC RUBBER-----              | 793                                       |   |   |
| 2661 SOAP-----                          | 5,666                                     |   |   |
| 2661 GUM AND MUDD CHEMICALS-----        | 1,482                                     |   |   |

# GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FL, AND THE MEXICAN BORDER

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## GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER (CONSOLIDATED REPORT)

SECTION INCLUDED: ST. MARKS RIVER, FLA., TO BROWNSVILLE, TEX., 1108.9 MILES. FOR CONTROLLING AND PROJECT DEPTH SEE TABLES OF INDIVIDUAL STRETCHES LISTED SEPARATELY.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS        | YEAR      | TONS        |
|-----------|-------------|-----------|-------------|
| 1975----- | 102,332,582 | 1983----- | 85,093,230  |
| 1979----- | 97,272,038  | 1984----- | 93,439,392  |
| 1980----- | 94,512,197  | 1985----- | 102,463,665 |
| 1981----- | 91,576,715  | 1986----- | 106,960,543 |
| 1982----- | 82,980,463  | 1987----- | 107,032,420 |

\* PASSENGERS--288,725.

### FREIGHT TRAFFIC, 1987

#### OCEANGOING

(SHORT TONS)

| COMMODITY  | TOTAL   | FOREIGN   |           | DOMESTIC<br>COASTWISE |           |           |
|--|---------|-----------|-----------|-----------------------|-----------|-----------|
|  |         | IMPORTS   | EXPORTS   | SHIPMENTS             | THROUGH   |           |
|  |         | EASTBOUND | WESTBOUND |                       | EASTBOUND | WESTBOUND |
| TOTAL-----                                       | 957,891 | 2         | 31,084    | 7,274                 | 914,053   | 5,478     |
| 0103 CORN-----                                   | 965     | 965       | -----     | -----                 | -----     | -----     |
| 0107 MEAT-----                                   | 10,415  | 10,415    | -----     | -----                 | -----     | -----     |
| 0141 FRESH AND FROZEN VEGETABLES-----            | 39      | 39        | -----     | -----                 | -----     | -----     |
| 1842 SAND, GRAVEL, CRUSHED ROCK-----             | 5,419   | 60        | -----     | 5,359                 | -----     | -----     |
| 2022 DRIED MILK AND CREAM-----                   | 1,968   | 1,968     | -----     | -----                 | -----     | -----     |
| 2031 FISH AND SHELLFISH, PREPARED-----           | 22      | -----     | -----     | 22                    | -----     | -----     |
| 2041 WHEAT FLOUR AND SEMOLINA-----               | 384     | 384       | -----     | -----                 | -----     | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----               | 4,442   | 4,442     | -----     | -----                 | -----     | -----     |
| 2091 VEGETABLE OILS, MARG., SHORT-----           | 767     | 704       | -----     | -----                 | -----     | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----            | 6,355   | 6,355     | -----     | -----                 | -----     | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----                 | 15      | 15        | -----     | -----                 | -----     | -----     |
| 2810 SODIUM HYDROXIDE-----                       | 114,563 | -----     | -----     | 114,563               | -----     | -----     |
| 2815 ALCOHOLS-----                               | 1,286   | -----     | -----     | -----                 | 1,286     | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----            | 3       | 3         | -----     | -----                 | -----     | -----     |
| 2911 GASOLINE-----                               | 286,180 | -----     | -----     | 286,180               | -----     | -----     |
| 2914 DISTILLATE FUEL OIL-----                    | 359,017 | -----     | -----     | 359,017               | -----     | -----     |
| 2915 RESIDUAL FUEL OIL-----                      | 50,285  | -----     | 7,274     | 42,401                | 610       | -----     |
| 2916 LUBRICATING OILS AND GREASES-----           | 13      | 13        | -----     | -----                 | 751       | -----     |
| 2917 VAPOR, PETROLEUM SOLVENTS-----              | 751     | -----     | -----     | 751                   | -----     | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----              | 44,813  | -----     | -----     | 42,776                | 2,037     | -----     |
| 2921 LIQUEFIED GASES-----                        | 7,094   | -----     | -----     | 6,070                 | 1,024     | -----     |
| 3111 LEATHER AND LEATHER PRODUCTS-----           | 4       | 4         | -----     | -----                 | -----     | -----     |
| 5241 BUILDING CEMENT-----                        | 34,812  | -----     | -----     | 34,812                | -----     | -----     |
| 3315 IRON, STEEL SHAVES, EXC SHEET-----          | 9       | 9         | -----     | -----                 | -----     | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-----          | 36      | 36        | -----     | -----                 | -----     | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----           | 1,016   | 1,016     | -----     | -----                 | -----     | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----          | 2       | 2         | -----     | -----                 | -----     | -----     |
| 3411 FABRICATED METAL PRODUCTS-----              | 620     | 620       | -----     | -----                 | -----     | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----           | 5,901   | 3,430     | -----     | 1,950                 | 521       | -----     |
| 3611 ELECTRICAL MACH AND EQUIPT-----             | 1,127   | 27        | -----     | 1,100                 | -----     | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----           | 1       | 1         | -----     | -----                 | -----     | -----     |
| 3751 SHIPS AND BOATS-----                        | 856     | 556       | -----     | 500                   | -----     | -----     |
| 3791 MISCELLANEOUS TRANSPORTATION EQUIPMENT----- | 250     | -----     | -----     | 250                   | -----     | -----     |
| 4029 WASTE AND SCRAP, NEC-----                   | 18,522  | -----     | -----     | 18,522                | -----     | -----     |
| 4112 COMMODITIES, NEC-----                       | 20      | 2         | 18        | -----                 | -----     | -----     |

TON-MILES, OCEANGOING, 276,268,030.

### INTERNAL

(SHORT TONS)

| COMMODITY                                    | TOTAL       | EASTBOUND | INBOUND   |           | OUTBOUND   |           | THROUGH   | EASTBOUND | INBOUND    |           | OUTBOUND  |           | THROUGH |
|--|-------------|-----------|-----------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|-----------|---------|
|  |             |           | EASTBOUND | EASTBOUND | EASTBOUND  | EASTBOUND |           |           | EASTBOUND  | EASTBOUND | EASTBOUND | EASTBOUND |         |
| TOTAL-----                                   | 106,074,529 | 316,121   | 4,664,069 | 8,456,173 | 46,830,407 | 316,799   | 5,643,948 | 7,184,947 | 32,668,065 | -----     | -----     | -----     | -----   |
| 0101 COTTON, HAY-----                        | 4,510       | -----     | -----     | 1,230     | 5,280      | -----     | -----     | -----     | -----      | -----     | -----     | -----     | -----   |
| 0103 CORN-----                               | 128,156     | -----     | -----     | -----     | 137,317    | -----     | 2,791     | -----     | -----      | -----     | 46,042    | -----     | -----   |
| 0104 JATS-----                               | 69,067      | -----     | -----     | -----     | 20,723     | -----     | -----     | -----     | -----      | -----     | 68,344    | -----     | -----   |
| 0105 RICE-----                               | 253,613     | -----     | -----     | 410       | 11,701     | -----     | 1,156     | -----     | -----      | -----     | 240,346   | -----     | -----   |
| 0106 SUGARUM CHAINS-----                     | 75,965      | -----     | 7,402     | 10,615    | 7,329      | -----     | -----     | -----     | -----      | -----     | 50,619    | -----     | -----   |
| 0107 MEAT-----                               | 205,856     | -----     | 1,300     | 3,071     | 105,200    | -----     | -----     | -----     | -----      | -----     | 17,638    | 76,367    | -----   |
| 0111 GUARDANS-----                           | 366,719     | -----     | -----     | -----     | 260,468    | -----     | 1,575     | 31,253    | -----      | -----     | 73,423    | -----     | 2,990   |
| 0119 OILSEEDS, NEC-----                      | 2,990       | -----     | -----     | -----     | -----      | -----     | -----     | -----     | -----      | -----     | -----     | -----     | 2,990   |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 1,629       | -----     | 1,231     | -----     | 342        | 17        | 39        | -----     | -----      | -----     | -----     | -----     | -----   |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 7,041       | -----     | 3,725     | -----     | 5,246      | -----     | 70        | -----     | -----      | -----     | -----     | -----     | -----   |
| 0931 MARINE SHELLS, UNMANUFACTURED-----      | 2,423,621   | -----     | 911,700   | -----     | 455,900    | -----     | 596,107   | -----     | -----      | -----     | 459,914   | -----     | -----   |
| 1011 IRON ORE AND CONCENTRATES-----          | 102,078     | -----     | -----     | 15,200    | 9,869      | -----     | -----     | -----     | -----      | -----     | 117,009   | -----     | -----   |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 36,281      | -----     | -----     | -----     | 12,994     | -----     | 6,504     | -----     | -----      | -----     | 16,983    | -----     | -----   |
| 1061 MANGANESE ORES, CONCENTRATES-----       | 56,967      | -----     | -----     | 1,303     | 14,370     | -----     | 28,405    | 1,409     | -----      | -----     | 15,400    | -----     | -----   |
| 1091 VOLFERHOUS ORES, CONCENTRATES, NEC----- | 34,048      | -----     | -----     | -----     | 21,123     | -----     | 1,399     | -----     | -----      | -----     | 11,526    | -----     | -----   |
| 1121 COAL AND LIGNITE-----                   | 8,016,945   | -----     | -----     | 2,720     | 7,625,000  | -----     | 7,325     | -----     | -----      | -----     | 355,680   | -----     | -----   |
| 1311 CRUDE PETROLEUM-----                    | 19,074,267  | 182,184   | 1,239,255 | 4,043,391 | 5,223,026  | 140,593   | 726,546   | 2,733,746 | 6,783,744  | -----     | -----     | -----     | -----   |
| 1411 LIMESTONE-----                          | 317,036     | -----     | 146,509   | -----     | 32,115     | -----     | 12,749    | -----     | -----      | -----     | 125,663   | -----     | -----   |
| 1802 SAND, GRAVEL, CRUSHED ROCK-----         | 3,067,977   | -----     | 640,197   | 116       | 1,036,364  | -----     | 771,761   | 296       | -----      | -----     | 619,223   | -----     | -----   |
| 1851 CLAY-----                               | 377,036     | 8,449     | 80,572    | 30,140    | 53,670     | 753       | 66,216    | 29,837    | -----      | -----     | 167,371   | -----     | -----   |

# Waterborne Commerce of the United States, 1987

GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND  
THE MEXICAN BORDER (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL      | EASTBOUND | INBOUND   | OUTBOUND  | THROUGH   | WESTBOUND | INBOUND   | OUTBOUND  | THROUGH   |
|--|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|  |            |           | EASTBOUND | EASTBOUND | EASTBOUND |           | WESTBOUND | WESTBOUND | WESTBOUND |
| 1493 SULPHUR, LIQUID-----                | 711,362    | -----     | 16,809    | 24,148    | 409,142   | 11,278    | 18,315    | -----     | 231,870   |
| 1494 GYPSUM, CRUDE AND PLASTERS-----     | 49,884     | -----     | -----     | -----     | 33,584    | -----     | -----     | -----     | 16,260    |
| 1499 NONMETALLIC MINERALS, NEC-----      | 3,488,717  | -----     | 1,150     | 1,912,925 | 1,436,023 | -----     | 26,695    | 3,701     | 106,223   |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 2,904      | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 2,904     |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 4,095      | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 4,095     |
| 2042 ANIMAL FEEDS-----                   | 176,137    | -----     | -----     | 47,103    | 75,634    | -----     | 9,782     | -----     | 43,618    |
| 2044 GRAIN MILL PRODUCTS, NEC-----       | 54,462     | -----     | -----     | 2,000     | 39,919    | -----     | -----     | -----     | 12,553    |
| 2061 SUGAR-----                          | 316,667    | -----     | -----     | -----     | 314,134   | -----     | -----     | -----     | 2,533     |
| 2062 MOLASSES-----                       | 107,736    | -----     | -----     | -----     | 19,189    | -----     | -----     | 2,389     | 86,158    |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 124,955    | -----     | 10,042    | 28,174    | 21,239    | -----     | 49,677    | 2,970     | 12,053    |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 9,751      | -----     | -----     | -----     | 4,025     | -----     | -----     | -----     | 5,726     |
| 2095 GROCERIES-----                      | 1,653      | 6         | 6         | 154       | -----     | 16        | 1,205     | 252       | 12        |
| 2095 ICE-----                            | 1,415      | -----     | -----     | -----     | -----     | -----     | -----     | 1,415     | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 102,524    | -----     | -----     | 1,400     | 24        | 13,082    | 1,131     | 5,564     | 56,381    |
| 2211 BASIC TEXTILE PRODUCTS-----         | 677        | -----     | -----     | -----     | -----     | -----     | 304       | 373       | -----     |
| 2212 TEXTILE FIBERS, NEC-----            | 6,684      | -----     | -----     | -----     | 150       | -----     | -----     | -----     | 6,554     |
| 2311 APPAREL-----                        | 1          | -----     | -----     | -----     | -----     | -----     | 1         | -----     | -----     |
| 2411 LOGS-----                           | 2,748      | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 2,748     |
| 2414 TIMBER, PUSHS, POLES, PILING-----   | 605        | -----     | -----     | -----     | -----     | 140       | -----     | 465       | -----     |
| 2416 WOOD CHIPS, STAVES, HOLDINGS-----   | 29,450     | -----     | -----     | -----     | -----     | 90        | -----     | -----     | 29,450    |
| 2421 LUMBER-----                         | 440        | -----     | -----     | -----     | -----     | -----     | -----     | 350       | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 5,167      | -----     | -----     | 249       | 4,918     | -----     | -----     | -----     | -----     |
| 2491 WOOD MANUFACTURES, NEC-----         | 135        | -----     | -----     | 18        | 82        | -----     | 1         | 4         | -----     |
| 2611 PULP-----                           | 108,302    | -----     | -----     | -----     | 1,184     | -----     | -----     | -----     | 107,118   |
| 2621 STANDARD VERSPIRNT PAPER-----       | 19,169     | -----     | -----     | -----     | 45,616    | -----     | -----     | -----     | 19,169    |
| 2631 PAPER AND PAPERBOARD-----           | 79,283     | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 35,665    |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 1          | -----     | -----     | 1         | -----     | -----     | -----     | -----     | -----     |
| 2811 SODIUM HYDROXIDE-----               | 2,081,138  | -----     | 14,071    | -----     | 1,029,111 | -----     | 49,081    | 1,474     | 987,401   |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 724,418    | -----     | -----     | 10,010    | 241,367   | -----     | 16,941    | 2,867     | 453,233   |
| 2813 ALCOMYL-----                        | 2,175,435  | -----     | 1,382     | 2,654     | 1,004,642 | -----     | 2,722     | 4,213     | 1,159,922 |
| 2816 RADIOACTIVE MATERIALS, WASTES-----  | 1,344      | -----     | -----     | -----     | 1,344     | -----     | -----     | -----     | -----     |
| 2817 BENZENE AND TOLUENE-----            | 3,537,261  | -----     | 40,503    | 167,393   | 1,534,283 | 12,604    | 59,322    | 55,988    | 1,667,366 |
| 2818 SULPHURIC ACID-----                 | 971,894    | -----     | 10        | -----     | 295,094   | -----     | 10        | -----     | 676,785   |
| 2819 BASIC CHEMICALS AND PHOS, NEC-----  | 11,135,566 | 2,450     | 46,465    | 253,454   | 6,860,244 | 5         | 22,911    | 561,702   | 3,388,135 |
| 2821 PLASTIC MATERIALS-----              | 5,313      | -----     | -----     | -----     | -----     | 5,313     | -----     | -----     | -----     |
| 2822 SYNTHETIC RUBBER-----               | 57,396     | -----     | -----     | -----     | 50,140    | -----     | 1,000     | -----     | 6,256     |
| 2841 SOAP-----                           | 9,715      | -----     | 2         | -----     | 2,851     | -----     | -----     | 97        | 2,815     |
| 2851 PAINTS-----                         | 150        | -----     | -----     | -----     | -----     | -----     | -----     | 150       | -----     |
| 2861 GUM AND WOOD CHEMICALS-----         | 100,830    | -----     | -----     | -----     | 68,256    | -----     | -----     | -----     | 32,570    |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 623,737    | -----     | -----     | -----     | 127,178   | -----     | 18,256    | -----     | 478,303   |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 241,461    | -----     | 4,465     | -----     | 162,682   | -----     | -----     | -----     | 74,114    |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 34,285     | -----     | -----     | -----     | 5,802     | -----     | -----     | -----     | 78,483    |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 191,664    | -----     | -----     | -----     | 69,458    | -----     | 1,476     | -----     | 120,730   |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 171,053    | -----     | -----     | -----     | 77,187    | -----     | 2,774     | -----     | 91,092    |
| 2911 GASOLINE-----                       | 9,290,387  | 4,879     | 530,627   | 166,811   | 5,708,626 | 16,965    | 568,184   | 114,128   | 2,369,967 |
| 2912 JET FUEL-----                       | 1,128,907  | 4,689     | 279,510   | 17,388    | 305,221   | -----     | -----     | 87,860    | 434,419   |
| 2913 KEROSENE-----                       | 376,627    | -----     | -----     | 56,605    | 246,326   | 5,125     | -----     | -----     | 70,631    |
| 2914 DISTILLATE FUEL OIL-----            | 6,327,863  | 9,384     | 206,167   | 143,757   | 2,695,242 | 63,510    | 542,105   | 638,206   | 2,029,492 |
| 2915 RESIDUAL FUEL OIL-----              | 9,925,657  | 89,759    | 324,171   | 596,386   | 4,440,501 | 35,280    | 760,716   | 735,347   | 2,843,515 |
| 2916 LUBRICATING OILS AND GREASES-----   | 1,888,798  | -----     | 11,576    | 215,514   | 1,208,645 | 22,626    | 137,737   | 28,948    | 263,952   |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 4,371,570  | -----     | 13,810    | 131,301   | 1,192,598 | 1,400     | 61,291    | 25,706    | 2,045,466 |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 1,424,536  | -----     | -----     | 38,748    | 1,029,795 | -----     | -----     | 6,200     | 349,795   |
| 2920 COKE, PETROLEUM COKE-----           | 1,106,549  | -----     | 94,656    | 194,461   | 561,250   | -----     | 15,042    | 2,366     | 438,774   |
| 2921 LIQUEFIED GASES-----                | 905,482    | -----     | -----     | -----     | 698,550   | -----     | -----     | -----     | 206,932   |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 1,477,269  | -----     | 72,475    | 45,124    | 783,217   | -----     | 13,257    | 216,384   | 346,752   |
| 3241 BUILDING CEMENT-----                | 967,093    | 886       | 3,482     | 8,280     | 196,986   | 4,022     | 51,189    | 429,368   | 272,882   |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 9,525      | -----     | -----     | 67        | -----     | -----     | -----     | -----     | 9,458     |
| 3271 LIME-----                           | 37,666     | -----     | -----     | -----     | 8,648     | -----     | -----     | -----     | 29,018    |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 78,999     | 1,500     | 4,021     | 307       | 29,411    | -----     | 16,700    | 335       | 22,725    |
| 3311 PIG IRON-----                       | 40,558     | -----     | -----     | -----     | 12,910    | -----     | 4,700     | -----     | 22,940    |
| 3312 SLAG-----                           | 66,147     | -----     | -----     | -----     | 29,448    | -----     | 18,266    | -----     | 18,411    |
| 3313 COKE, PET ASPHALT, SOLVENTS-----    | 65         | -----     | -----     | 65        | -----     | -----     | -----     | -----     | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 255,214    | -----     | 4,055     | 1,266     | 79,318    | -----     | 5,368     | -----     | 165,207   |
| 3315 IRON, STEEL SHAPES, EXC SHEETS----- | 416,579    | -----     | -----     | 8,160     | 197,798   | -----     | 33,340    | 16,527    | 160,754   |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 205,986    | -----     | 27,043    | 3,826     | 30,482    | -----     | 33,794    | 1         | 110,240   |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 761,596    | 701       | 44,172    | 19,894    | 34,782    | 1,864     | 9,978     | 430,706   | 219,499   |
| 3318 FERROALLOYS-----                    | 64,573     | -----     | -----     | -----     | 30,727    | -----     | -----     | -----     | 33,846    |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 85,605     | -----     | 1,486     | 3,748     | 21,694    | -----     | 7,122     | -----     | 51,555    |
| 3321 NONFERROUS METALS, NEC-----         | 3,965      | -----     | -----     | 1,552     | -----     | -----     | -----     | -----     | 2,413     |
| 3322 COPPER ALLOYS, UNWORKED-----        | 1,615      | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 1,615     |
| 3323 LEAD AND ZINC, UNWORKED-----        | 4,008      | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 4,008     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----  | 23,471     | -----     | -----     | -----     | 2,015     | -----     | -----     | -----     | 21,456    |
| 3411 FABRICATED METAL PRODUCTS-----      | 66,741     | 10        | 39,239    | 3,752     | 11,669    | 76        | 368       | 317       | 9,510     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 89,548     | 118       | 14,608    | 22,670    | 5,675     | 59        | 16,770    | 25,911    | 3,777     |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 312        | -----     | -----     | -----     | -----     | 1         | -----     | -----     | 311       |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 674        | -----     | 12        | -----     | -----     | -----     | -----     | -----     | 667       |
| 3731 SHIPS AND HULLS-----                | 1,131      | -----     | -----     | -----     | -----     | -----     | -----     | 1,000     | 130       |
| 3911 VISC MANUFACTURED PRODUCTS-----     | 558,644    | 4         | 58,320    | 23,622    | 45        | 65        | 15,282    | 461,244   | 64        |
| 4011 IRON AND STEEL SCRAP-----           | 1,050,915  | -----     | -----     | 82,050    | 284,215   | 1,106     | 1,280     | 32,046    | 649,418   |
| 4112 NONFERROUS METAL SCRAP-----         | 537        | -----     | -----     | -----     | 537       | -----     | -----     | -----     | -----     |
| 4201 PAPER MASTE AND SCRAP-----          | 64         | -----     | 64        | -----     | -----     | -----     | -----     | -----     | -----     |
| 4202 WASTE AND SCRAP, NEC-----           | 950,160    | -----     | 819       | -----     | 56,803    | -----     | 662,367   | 5,581     | 224,590   |
| 4311 WATER-----                          | 571,005    | 4,692     | 2,647     | 103,689   | 5         | 72        | 48,461    | 611,627   | 14        |
| 4312 COMMODITIES, NEC-----               | 30,429     | -----     | 2,713     | 9,104     | 50,151    | 1         | 8,383     | 3,867     | 16,210    |
| 4318 WATERWAY IMPROVEMENT MAT-----       | 150,050    | -----     | -----     | -----     | 58,750    | -----     | 105,550   | 1,200     | 20,050    |
| 4319 EMPTY CONTAINERS-----               | 5,320      | 8         | 200       | 261       | 1,724     | -----     | 170       | 132       | 626       |

TON-MILES, INTERNAL, 18,913,229,536.

TON-MILES, ALL TRAFFIC, 107,032,420.

TON-MILES, ALL TRAFFIC, 19,189,497,572.

## GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, APALACHEE BAY TO PANAMA CITY,  
FLA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: ST. MARKS RIVER TO ST. ANDREW BAY, FLA., 135 MILES. (SECTION BETWEEN ST. MARKS RIVER AND CARRABELLE, FLA.,  
INCOMPLETE, NECESSITATING USE OF OUTSIDE ROUTE,) PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 3,193,893 | 1983----- | 1,071,355 |
| 1979----- | 3,000,034 | 1984----- | 3,599,056 |
| 1980----- | 2,617,073 | 1985----- | 4,202,819 |
| 1981----- | 2,247,404 | 1986----- | 5,006,190 |
| 1982----- | 1,679,931 | 1987----- | 4,538,088 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | COASTWISE |           | INTERNAL  |           |
|---|-----------|-----------|-----------|-----------|-----------|
|   |           | THROUGH   |           | INBOUND   | THROUGH   |
|   |           | EASTBOUND | WESTBOUND | EASTBOUND | WESTBOUND |
| TOTAL-----                              | 4,538,084 | 422,205   | 5,628     | 90,383    | 3,460,646 |
| 0103 CORN-----                          | 4,300     | -----     | -----     | 4,300     | -----     |
| 0104 OATS-----                          | 965       | -----     | -----     | 965       | -----     |
| 0107 WHEAT-----                         | 12,845    | -----     | -----     | -----     | 12,845    |
| 0111 SOYBEANS-----                      | 13,249    | -----     | -----     | -----     | 13,249    |
| 0119 OILSEEDS, NEC-----                 | 2,690     | -----     | -----     | -----     | 2,690     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 46,750    | -----     | 42,750    | 0,000     | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 13,149    | -----     | -----     | -----     | 13,149    |
| 1121 COAL AND LIGNITE-----              | 2,834,047 | -----     | -----     | 2,832,615 | 1,432     |
| 1411 LIMESTONE-----                     | 8,000     | -----     | 8,000     | -----     | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 5,359     | 5,359     | -----     | -----     | -----     |
| 1492 GYPSUM, CHALK AND PLASTERS-----    | 27,503    | -----     | -----     | 27,503    | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 26,306    | -----     | -----     | 26,306    | -----     |
| 2042 ANIMAL FEEDS-----                  | 5,747     | -----     | -----     | 4,923     | 824       |
| 2010 SODIUM HYDROXIDE-----              | 183,125   | 114,543   | -----     | 60,582    | -----     |
| 2013 ALCOHOLS-----                      | 1,286     | -----     | 1,286     | -----     | -----     |
| 2019 BASIC CHEMICALS AND PROD, NEC----- | 28,994    | -----     | -----     | 26,994    | -----     |
| 2071 NITROGENOUS CHEM FERTILIZERS-----  | 47,677    | -----     | -----     | 47,677    | -----     |
| 2072 POTASSIC CHEM FERTILIZERS-----     | 9,991     | -----     | -----     | 9,991     | -----     |
| 2073 PHOSPHATIC CHEM FERTILIZERS-----   | 5,935     | -----     | -----     | 3,037     | 2,898     |
| 2079 FERTILIZER AND MATERIALS, NEC----- | 871       | -----     | -----     | 871       | -----     |
| 2911 GASOLINE-----                      | 338,691   | 286,180   | -----     | 50,953    | 1,558     |
| 2912 JET FUEL-----                      | 39,633    | -----     | -----     | 39,633    | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 407,329   | 359,017   | -----     | 46,537    | 1,775     |
| 2915 RESIDUAL FUEL OIL-----             | 191,412   | 49,675    | 610       | 136,325   | 4,802     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 3,956     | 751       | -----     | 3,205     | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 107,892   | 42,776    | 2,037     | 63,079    | -----     |
| 2921 LIQUEFIED GASES-----               | 7,094     | 6,070     | 1,024     | -----     | -----     |
| 3241 BUILDING CEMENT-----               | 34,812    | 34,812    | -----     | -----     | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 46,035    | -----     | -----     | 46,035    | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 150       | -----     | 150       | -----     | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 3,371     | 2,850     | 521       | -----     | -----     |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 1,100     | 1,100     | -----     | -----     | -----     |
| 3731 SHIPS AND BOATS-----               | 300       | 300       | -----     | -----     | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 250       | 250       | -----     | -----     | -----     |
| 4029 WASTE AND SCRAP, NEC-----          | 18,522    | 18,522    | -----     | -----     | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 58,750    | -----     | -----     | 58,750    | -----     |
| TOTAL TUN-MILES, 226,552,610.           |           |           |           |           |           |
| AVERAGE HAUL PER TON, 49.9 MILES.       |           |           |           |           |           |

GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY,  
FLA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: WEST BAY TO PENSACOLA BAY, FLA., 110 MILES. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 5,864,889 | 1983----- | 4,626,389 |
| 1979----- | 4,951,526 | 1984----- | 6,409,431 |
| 1980----- | 4,677,378 | 1985----- | 6,757,052 |
| 1981----- | 4,583,205 | 1986----- | 6,095,667 |
| 1982----- | 4,453,002 | 1987----- | 7,448,102 |

## Waterborne Commerce of the United States, 1987

GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY,  
FLA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | COASTWISE |           | INTERNAL  |           |           |        |
|---|-----------|-----------|-----------|-----------|-----------|-----------|--------|
|   |           | THROUGH   | INBOUND   | THROUGH   | OUTBOUND  |           |        |
|   |           | EASTBOUND | WESTBOUND | EASTBOUND | WESTBOUND |           |        |
| TOTAL-----                              | 7,448,102 | 921,905   | 5,128     | 642,894   | 4,689     | 5,691,728 | 6,998  |
| 0103 CORN-----                          | 42,314    | -----     | -----     | -----     | -----     | 42,314    | -----  |
| 0104 OATS-----                          | 8,401     | -----     | -----     | -----     | -----     | 8,401     | -----  |
| 0107 MEAT-----                          | 17,988    | -----     | -----     | -----     | -----     | -----     | 17,988 |
| 0111 SOYBEANS-----                      | 17,091    | -----     | -----     | -----     | -----     | -----     | 17,091 |
| 0119 CILSEEDS, NEC-----                 | 2,690     | -----     | -----     | -----     | -----     | -----     | 2,690  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 179       | -----     | -----     | 179       | -----     | -----     | -----  |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 95        | -----     | -----     | 95        | -----     | -----     | -----  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 74,900    | -----     | -----     | 28,150    | -----     | 46,750    | -----  |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 15,149    | -----     | -----     | -----     | -----     | -----     | 15,149 |
| 1121 COAL AND LIGNITE-----              | 3,656,064 | -----     | -----     | -----     | -----     | 3,054,632 | -----  |
| 1411 LIMESTONE-----                     | 68,304    | -----     | -----     | 80,304    | -----     | 8,000     | -----  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 275,988   | 5,354     | -----     | 120,170   | -----     | 150,459   | -----  |
| 1451 CLAY-----                          | 17,918    | -----     | -----     | -----     | -----     | -----     | 17,918 |
| 1494 GYPSUM, CHALK AND PLASTERS-----    | 27,503    | -----     | -----     | -----     | -----     | 27,503    | -----  |
| 1495 NONMETALLIC MINERALS, NEC-----     | 26,306    | -----     | -----     | -----     | -----     | 26,306    | -----  |
| 2042 ANIMAL FEEDS-----                  | 21,311    | -----     | -----     | -----     | -----     | 7,562     | -----  |
| 2631 PAPER AND PAPERBOARD-----          | 32,437    | -----     | -----     | -----     | -----     | -----     | 32,437 |
| 2810 SODIUM HYDROXIDE-----              | 183,125   | 114,543   | -----     | -----     | -----     | 68,582    | -----  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 5,808     | -----     | -----     | -----     | -----     | 5,808     | -----  |
| 2813 ALCOHOLS-----                      | 32,243    | -----     | 1,286     | -----     | -----     | 30,957    | -----  |
| 2817 BENZENE AND TOLUENE-----           | 5,056     | -----     | -----     | -----     | -----     | 5,056     | -----  |
| 2819 BASIC CHEMICALS AND PLNU, NEC----- | 32,508    | -----     | -----     | -----     | -----     | 32,506    | -----  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 48,823    | -----     | -----     | -----     | -----     | 48,823    | -----  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 9,991     | -----     | -----     | -----     | -----     | 9,991     | -----  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 5,935     | -----     | -----     | -----     | -----     | 3,037     | -----  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 871       | -----     | -----     | -----     | -----     | 871       | -----  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 995       | -----     | -----     | -----     | -----     | 995       | -----  |
| 2911 GASOLINE-----                      | 1,004,627 | 286,180   | -----     | 159,457   | -----     | 567,937   | -----  |
| 2912 JET FUEL-----                      | 259,786   | -----     | -----     | 204,625   | 4,689     | 43,476    | 6,998  |
| 2914 DISTILLATE FUEL OIL-----           | 693,126   | 359,017   | -----     | -----     | -----     | 321,519   | -----  |
| 2915 RESIDUAL FUEL OIL-----             | 254,530   | 49,675    | 610       | -----     | -----     | 196,169   | -----  |
| 2916 LUBRICATING OILS AND GREASES-----  | 70,637    | -----     | -----     | -----     | -----     | 70,637    | -----  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 16,637    | 751       | -----     | -----     | -----     | 17,886    | -----  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 107,892   | 42,776    | 2,037     | -----     | -----     | 63,079    | -----  |
| 2921 LIQUEFIED GASES-----               | 15,685    | 6,070     | 1,024     | -----     | -----     | 8,591     | -----  |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 69,916    | -----     | -----     | 69,916    | -----     | -----     | -----  |
| 3241 BUILDING CEMENT-----               | 121,025   | 34,612    | -----     | -----     | -----     | 86,213    | -----  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 46,033    | -----     | -----     | -----     | -----     | 46,033    | -----  |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 14,946    | -----     | -----     | -----     | -----     | 14,946    | -----  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 18,828    | -----     | -----     | -----     | -----     | 16,628    | -----  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 20,104    | -----     | -----     | -----     | -----     | -----     | 20,104 |
| 3411 FABRICATED METAL PRODUCTS-----     | 150       | -----     | 150       | -----     | -----     | -----     | -----  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 2,571     | 2,550     | 21        | -----     | -----     | -----     | -----  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 1,100     | 1,100     | -----     | -----     | -----     | -----     | -----  |
| 3731 SHIPS AND BOATS-----               | 300       | 300       | -----     | -----     | -----     | -----     | -----  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 250       | 250       | -----     | -----     | -----     | -----     | -----  |
| 4011 IRON AND STEEL SCRAP-----          | 3,579     | -----     | -----     | -----     | -----     | -----     | 3,579  |
| 4029 WASTE AND SCRAP, NEC-----          | 18,522    | 18,522    | -----     | -----     | -----     | -----     | -----  |
| 4110 WATERWAY IMPROVEMENT MAT-----      | 58,750    | -----     | -----     | -----     | -----     | 58,750    | -----  |
| 4119 EMPTY CONTAINERS-----              | 1,111     | -----     | -----     | -----     | -----     | 1,111     | -----  |
| TOTAL TON-MILES, 775,969,156.           |           |           |           |           |           |           |        |
| AVERAGE HAUL PER TON, 104.2 MILES.      |           |           |           |           |           |           |        |

GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO  
MOBILE BAY, ALA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: PENSACOLA BAY, FLA., TO MOBILE BAY, ALA., 46 MILES. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS       |
|-----------|-----------|-----------|------------|
| 1978----- | 8,940,163 | 1983----- | 7,243,491  |
| 1979----- | 7,915,863 | 1984----- | 9,408,537  |
| 1980----- | 7,566,207 | 1985----- | 9,491,646  |
| 1981----- | 8,255,641 | 1986----- | 11,282,792 |
| 1982----- | 6,947,189 | 1987----- | 11,106,556 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY      | TOTAL      | COASTWISE |           | INTERNAL  |           |        |         |
|----------------|------------|-----------|-----------|-----------|-----------|--------|---------|
|                |            | THROUGH   | INBOUND   | THROUGH   | OUTBOUND  |        |         |
|                |            | EASTBOUND | WESTBOUND | EASTBOUND | WESTBOUND |        |         |
| TOTAL-----     | 11,106,556 | 913,774   | 5,128     | 108,899   | 9,494,829 | 50,500 | 533,426 |
| 0103 CORN----- | 42,314     | -----     | -----     | -----     | 42,314    | -----  | -----   |
| 0104 OATS----- | 8,401      | -----     | -----     | -----     | 8,401     | -----  | -----   |

## GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO  
MOBILE BAY, ALA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | COASTWISE |           | INTERNAL  |           |           |         |
|---|-----------|-----------|-----------|-----------|-----------|-----------|---------|
|   |           | THROUGH   | INBOUND   | THROUGH   | OUTBOUND  | THROUGH   |         |
|   |           | EASTBOUND | WESTBOUND | EASTBOUND | EASTBOUND | WESTBOUND |         |
| 0106 SUGARJM GRAINS-----                | 7,402     | -----     | -----     | 7,402     | -----     | -----     | -----   |
| 0107 MEAT-----                          | 37,126    | -----     | 1,300     | -----     | -----     | 17,838    | 17,988  |
| 0111 SOYBEANS-----                      | 49,746    | -----     | -----     | -----     | -----     | 31,253    | 10,491  |
| 0119 OILSEEDS, NEC-----                 | 2,690     | -----     | -----     | -----     | -----     | -----     | 2,690   |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 7         | -----     | -----     | 7         | -----     | -----     | -----   |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 167       | -----     | -----     | 167       | -----     | -----     | -----   |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 126,150   | -----     | -----     | 50,250    | 75,900    | -----     | -----   |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 15,149    | -----     | -----     | -----     | -----     | -----     | 15,149  |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 1,409     | -----     | -----     | -----     | -----     | 1,409     | -----   |
| 1121 COAL AND LIGNITE-----              | 5,787,607 | -----     | -----     | -----     | 5,786,175 | -----     | 1,432   |
| 1411 LIMESTONE-----                     | 89,945    | -----     | -----     | -----     | 89,945    | -----     | -----   |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 345,656   | 5,359     | 66,772    | 293,519   | -----     | -----     | -----   |
| 1451 CLAY-----                          | 17,918    | -----     | -----     | -----     | -----     | -----     | 17,918  |
| 1493 SULPHUR, LIQUID-----               | 169,160   | -----     | -----     | -----     | -----     | -----     | 169,160 |
| 1499 GYPSUM, CRUDE AND PLASTERS-----    | 27,503    | -----     | -----     | -----     | 27,503    | -----     | -----   |
| 1499 NOVMETALLIC MINERALS, NEC-----     | 26,506    | -----     | -----     | -----     | 26,306    | -----     | -----   |
| 2042 ANIMAL FEEDS-----                  | 21,311    | -----     | -----     | -----     | 7,562     | -----     | 15,749  |
| 2091 VEGETABLE OILS, WAX, SHORT-----    | 3,229     | -----     | -----     | -----     | -----     | -----     | 3,229   |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 8,925     | -----     | -----     | -----     | -----     | -----     | 8,925   |
| 2631 PAPER AND PAPERBOARD-----          | 32,437    | -----     | -----     | -----     | -----     | -----     | 32,437  |
| 2810 SODIUM HYDROXIDE-----              | 183,125   | 114,543   | -----     | -----     | 68,582    | -----     | -----   |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 5,808     | -----     | -----     | -----     | 5,808     | -----     | -----   |
| 2813 ALCOHOLS-----                      | 32,243    | -----     | 1,286     | -----     | 30,957    | -----     | -----   |
| 2817 BENZENE AND TOLUENE-----           | 5,056     | -----     | -----     | -----     | 5,056     | -----     | -----   |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 226,487   | -----     | -----     | -----     | 223,336   | -----     | 3,151   |
| 2861 GUM AND WOOD CHEMICALS-----        | 5,737     | -----     | -----     | -----     | -----     | -----     | 5,737   |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 109,617   | -----     | -----     | -----     | 48,823    | -----     | 60,794  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 12,992    | -----     | -----     | 3,001     | 9,991     | -----     | -----   |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 5,935     | -----     | -----     | -----     | 3,037     | -----     | 2,898   |
| 2879 FERTILIZER ADD MATERIALS, NEC----- | 6,167     | -----     | -----     | -----     | 4,167     | -----     | -----   |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 995       | -----     | -----     | -----     | 995       | -----     | -----   |
| 2911 GASOLINE-----                      | 1,402,964 | 285,838   | -----     | -----     | 1,108,952 | -----     | 8,174   |
| 2912 JET FUEL-----                      | 305,432   | -----     | -----     | -----     | 298,434   | -----     | 6,998   |
| 2914 DISTILLATE FUEL OIL-----           | 769,586   | 351,478   | -----     | -----     | 408,798   | -----     | 9,310   |
| 2915 RESIDUAL FUEL OIL-----             | 300,151   | 49,675    | 610       | -----     | 232,365   | -----     | 17,481  |
| 2916 LUBRICATING OILS AND GREASES-----  | 70,637    | -----     | -----     | -----     | 70,637    | -----     | -----   |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 30,945    | 751       | -----     | -----     | 23,386    | -----     | 8,008   |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 192,866   | 42,776    | 2,037     | -----     | 140,695   | -----     | 3,358   |
| 2921 LIQUEFIED GASES-----               | 82,518    | 5,070     | 1,024     | -----     | 75,624    | -----     | -----   |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 118,086   | -----     | -----     | -----     | 116,086   | -----     | -----   |
| 3241 BUILDING CEMENT-----               | 121,025   | 34,812    | -----     | -----     | 86,213    | -----     | -----   |
| 3291 MISCELLANEOUS MINERAL PROD-----    | 62,821    | -----     | -----     | -----     | 61,776    | -----     | 1,043   |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 15,882    | -----     | -----     | -----     | 15,682    | -----     | -----   |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 1,008     | -----     | -----     | -----     | 1,048     | -----     | -----   |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 18,078    | -----     | -----     | -----     | 18,078    | -----     | -----   |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 20,104    | -----     | -----     | -----     | -----     | -----     | 20,104  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 12,415    | -----     | -----     | -----     | 12,815    | -----     | -----   |
| 3411 FABRICATED METAL PRODUCTS-----     | 150       | -----     | 150       | -----     | -----     | -----     | -----   |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 2,571     | 2,550     | 21        | -----     | -----     | -----     | -----   |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 1,100     | 1,100     | -----     | -----     | -----     | -----     | -----   |
| 3731 SHIPS AND BOATS-----               | 300       | 300       | -----     | -----     | -----     | -----     | -----   |
| 4011 IRON AND STEEL SCRAP-----          | 85,972    | -----     | -----     | -----     | -----     | -----     | 85,972  |
| 4029 WASTE AND SCRAP, NEC-----          | 16,522    | 16,522    | -----     | -----     | -----     | -----     | -----   |
| 4112 COMMODITIES, NEC-----              | 2,430     | -----     | -----     | -----     | -----     | -----     | 2,430   |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 50,750    | -----     | -----     | -----     | 50,750    | -----     | -----   |
| 4119 EMPTY CONTAINERS-----              | 1,111     | -----     | -----     | -----     | 1,111     | -----     | -----   |
| TOTAL TON-MILES, 517,834,982.           |           |           |           |           |           |           |         |

GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO  
NEW ORLEANS, LA.\* (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: MOBILE BAY, ALA., VIA THE MISSISSIPPI SOUND AND NEW ORLEANS-RIGOLETS CUT TO THE INNERHARBOR NAVIGATION CANAL AT NEW ORLEANS, LA., 134 MILES; ALTERNATE ROUTE, MOUTH OF RIGOLETS THROUGH LAKE PONCHARTRAIN TO NEAR END OF INNERHARBOR NAVIGATION CANAL.  
PROJECT DEPT#: MOBILE BAY, ALA., TO NEW ORLEANS, LA., 12 FEET; ALTERNATE ROUTE, 7 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 22,610,406 | 1983----- | 16,524,665 |
| 1979----- | 21,258,833 | 1984----- | 20,413,239 |
| 1980----- | 19,124,329 | 1985----- | 21,577,073 |
| 1981----- | 17,342,703 | 1986----- | 23,589,414 |
| 1982----- | 15,164,211 | 1987----- | 24,069,572 |

\* TRAFFIC FROM RIGOLETS TO INNERHARBOR NAV. CANAL, 20,243,386 TON

## Waterborne Commerce of the United States, 1987

GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO  
NEW ORLEANS, LA.\* (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                 | TOTAL      | COASTWISE |           |                      | INTERNAL              |                      |        | THROUGH<br>WESTBOUND |  |
|---|------------|-----------|-----------|----------------------|-----------------------|----------------------|--------|----------------------|--|
|   |            | THROUGH   |           | INBOUND<br>EASTBOUND | OUTBOUND<br>EASTBOUND | THROUGH<br>EASTBOUND |        |                      |  |
|   |            | EASTBOUND | WESTBOUND |                      |                       |                      |        |                      |  |
| TOTAL-----                                | 24,069,572 | 778,240   | 5,107     | 169,583              | 1,373                 | 15,973,119           | 18,288 | 7,123,862            |  |
| J103 CORN-----                            | 76,554     | -----     | -----     | -----                | -----                 | 73,511               | -----  | 3,043                |  |
| J105 OATS-----                            | 20,723     | -----     | -----     | -----                | -----                 | 20,723               | -----  | -----                |  |
| J106 PICE-----                            | 4,344      | -----     | -----     | -----                | -----                 | 4,344                | -----  | -----                |  |
| J106 SUGARUM GRAINS-----                  | 46,386     | -----     | -----     | -----                | -----                 | 9,055                | -----  | 37,331               |  |
| J107 WHEAT-----                           | 122,962    | -----     | -----     | -----                | -----                 | 66,680               | -----  | 56,282               |  |
| J111 SOYBEANS-----                        | 117,211    | -----     | -----     | -----                | -----                 | 21,319               | -----  | 95,892               |  |
| J119 OILSEEDS, NEC-----                   | 2,990      | -----     | -----     | -----                | -----                 | -----                | -----  | 2,990                |  |
| J911 FRESH FISH, EXCEPT SHELLFISH-----    | 342        | -----     | -----     | -----                | -----                 | 342                  | -----  | -----                |  |
| J912 SHELLFISH, EXCEPT PREPARED-----      | 3,246      | -----     | -----     | -----                | -----                 | 3,246                | -----  | -----                |  |
| J931 MARINE SHELLS, UNMANUFACTURED-----   | 706,240    | -----     | -----     | 152,100              | -----                 | 523,500              | -----  | 30,640               |  |
| J101 IRON ORES AND CONCENTRATES-----      | 122,687    | -----     | -----     | -----                | -----                 | 8,554                | -----  | 114,133              |  |
| J051 ALUMINUM ORES, CONCENTRATES-----     | 22,615     | -----     | -----     | -----                | -----                 | 12,994               | -----  | 9,621                |  |
| J061 MANGANESE ORES, CONCENTRATES-----    | 15,294     | -----     | -----     | -----                | -----                 | 10,681               | -----  | 4,613                |  |
| J091 NICKEL-IRON ORES, CONCENT., NEC----- | 27,486     | -----     | -----     | -----                | -----                 | 19,533               | -----  | 7,953                |  |
| J121 COAL AND LIGNITE-----                | 7,331,987  | -----     | -----     | -----                | -----                 | 7,009,410            | -----  | 322,577              |  |
| J131 CRUDE PETROLEUM-----                 | 3,189,842  | -----     | -----     | -----                | -----                 | 1,212,546            | -----  | 1,977,296            |  |
| J411 LIMESTONE-----                       | 48,100     | -----     | -----     | -----                | -----                 | -----                | -----  | 48,100               |  |
| J442 SAND, GRAVEL, CRUSHED ROCK-----      | 65,611     | -----     | -----     | 10,394               | -----                 | 14,679               | -----  | 60,938               |  |
| J451 CLAY-----                            | 26,215     | -----     | -----     | -----                | -----                 | 8,297                | -----  | 17,918               |  |
| J493 SULPHUR, LIQUID-----                 | 231,670    | -----     | -----     | -----                | -----                 | -----                | -----  | 231,670              |  |
| J494 GYPSUM, CRUDE AND PLASTERS-----      | 46,253     | -----     | -----     | -----                | -----                 | 31,993               | -----  | 16,260               |  |
| J099 NONMETALLIC MINERALS, NEC-----       | 235,620    | -----     | -----     | -----                | -----                 | 235,620              | -----  | -----                |  |
| J201 FLOUR FLOUR AND SEMOLINA-----        | 4,695      | -----     | -----     | -----                | -----                 | -----                | -----  | 4,095                |  |
| J202 ANIMAL FEEDS-----                    | 62,956     | -----     | -----     | -----                | -----                 | 40,004               | -----  | 22,952               |  |
| J204 GRAIN MILL PRODUCTS, NEC-----        | 11,392     | -----     | -----     | -----                | -----                 | 2,650                | -----  | 8,742                |  |
| J206 MOLASSES-----                        | 6,212      | -----     | -----     | -----                | -----                 | 6,866                | -----  | 1,346                |  |
| J209 VEGETABLE OILS, WAX, SHORT-----      | 51,350     | -----     | -----     | -----                | -----                 | 19,988               | -----  | 11,342               |  |
| J209 MISCELLANEOUS FOOD PRODUCTS-----     | 5,726      | -----     | -----     | -----                | -----                 | -----                | -----  | 5,726                |  |
| J241 LUGS-----                            | 11,165     | -----     | -----     | -----                | -----                 | 2,240                | -----  | 8,925                |  |
| J246 WOOD CHIPS, STAVES, HOLDINGS-----    | 2,748      | -----     | -----     | -----                | -----                 | -----                | -----  | 2,748                |  |
| J261 PULP-----                            | 29,450     | -----     | -----     | -----                | -----                 | -----                | -----  | 29,450               |  |
| J262 STANDARD NEWSPRINT PAPER-----        | 107,118    | -----     | -----     | -----                | -----                 | -----                | -----  | 107,118              |  |
| J263 PAPER AND PAPERBOARD-----            | 999        | -----     | -----     | -----                | -----                 | -----                | -----  | 999                  |  |
| J2810 SODIUM HYDROXIDE-----               | 32,437     | -----     | -----     | -----                | -----                 | -----                | -----  | 32,437               |  |
| J2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 565,486    | 110,343   | -----     | -----                | -----                 | 426,496              | -----  | 30,645               |  |
| J2813 ALCOHOLS-----                       | 50,002     | -----     | -----     | -----                | -----                 | 50,002               | -----  | -----                |  |
| J2817 BENZENE AND TOLUENE-----            | 65,004     | -----     | 1,286     | -----                | -----                 | 63,718               | -----  | -----                |  |
| J2818 SULPHURIC ACID-----                 | 137,037    | -----     | -----     | -----                | -----                 | 122,026              | -----  | 15,011               |  |
| J2819 BASIC CHEMICALS AND PROD., NEC----- | 239,008    | -----     | -----     | -----                | -----                 | 126,773              | -----  | 114,235              |  |
| J2821 PLASTIC MATERIALS-----              | 966,783    | -----     | -----     | -----                | 1,373                 | 553,221              | 4,653  | 407,536              |  |
| J2822 SYNTHETIC RUBBER-----               | 4,233      | -----     | -----     | -----                | -----                 | 4,233                | -----  | -----                |  |
| J2841 SOAP-----                           | 53,976     | -----     | -----     | -----                | -----                 | 47,720               | -----  | 6,256                |  |
| J2861 GUM AND WOOD CHEMICALS-----         | 2,651      | -----     | -----     | -----                | -----                 | 2,851                | -----  | -----                |  |
| J2871 NITROGENOUS CHEM FERTILIZERS-----   | 40,753     | -----     | -----     | -----                | -----                 | 63,912               | -----  | 26,841               |  |
| J2872 POTASSIUM CHEM FERTILIZERS-----     | 105,184    | -----     | -----     | -----                | -----                 | 76,527               | -----  | 26,657               |  |
| J2873 PHOSPHATIC CHEM FERTILIZERS-----    | 90,135     | -----     | -----     | 1,486                | -----                 | 22,655               | -----  | 66,016               |  |
| J2879 FERTILIZER AND MATERIALS, NEC-----  | 7,299      | -----     | -----     | -----                | -----                 | 4,401                | -----  | 2,098                |  |
| J2891 MISCELLANEOUS CHEMICAL PROD-----    | 117,198    | -----     | -----     | -----                | -----                 | 62,181               | -----  | 55,017               |  |
| J2911 GASOLINE-----                       | 995        | -----     | -----     | -----                | -----                 | 995                  | -----  | -----                |  |
| J2912 JET FUEL-----                       | 2,648,843  | 279,668   | -----     | -----                | -----                 | 1,715,372            | -----  | 653,803              |  |
| J2913 KEROSENE-----                       | 552,773    | -----     | -----     | -----                | -----                 | 310,331              | -----  | 242,442              |  |
| J2914 DISTILLATE FUEL OIL-----            | 35,073     | -----     | -----     | -----                | -----                 | -----                | -----  | 35,073               |  |
| J2915 RESIDUAL FUEL OIL-----              | 1,334,244  | 340,587   | -----     | 4,181                | -----                 | 625,748              | -----  | 363,726              |  |
| J2916 LUBRICATING OILS AND GREASES-----   | 1,222,920  | 12,704    | 610       | -----                | -----                 | 727,658              | -----  | 481,948              |  |
| J2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 103,971    | -----     | -----     | -----                | -----                 | 81,367               | -----  | 22,604               |  |
| J2918 ASPHALT, TAR, AND PITCHES-----      | 346,461    | -----     | -----     | -----                | -----                 | 62,294               | -----  | 284,167              |  |
| J2920 COKE, PETROLEUM COKE-----           | 857,085    | 6,196     | 2,037     | -----                | -----                 | 600,637              | -----  | 247,615              |  |
| J2921 LIQUEFIED GASES-----                | 55,304     | -----     | -----     | -----                | -----                 | 40,720               | -----  | 14,584               |  |
| J2922 PETROLEUM AND COAL POWD, NEC-----   | 368,277    | 6,070     | 1,024     | -----                | -----                 | 129,418              | -----  | 171,765              |  |
| J2924 BUILDING CEMENT-----                | 354,518    | -----     | -----     | 23                   | -----                 | 327,446              | -----  | 27,034               |  |
| J2925 STRUCTURAL CLAY PRODUCTS-----       | 184,766    | -----     | -----     | -----                | -----                 | 61,231               | -----  | 123,512              |  |
| J2927 LIME-----                           | 9,458      | -----     | -----     | -----                | -----                 | -----                | -----  | 9,458                |  |
| J2929 MISCELLANEOUS MINERAL PROD-----     | 6,648      | -----     | -----     | -----                | -----                 | 8,688                | -----  | -----                |  |
| J3111 PIG IRON-----                       | 103,600    | -----     | -----     | 1,421                | -----                 | 62,154               | -----  | 39,425               |  |
| J3112 SLAG-----                           | 12,910     | -----     | -----     | -----                | -----                 | 12,910               | -----  | -----                |  |
| J3114 IRON AND STEEL PRIMARY FORMS-----   | 29,448     | -----     | -----     | -----                | -----                 | 29,448               | -----  | -----                |  |
| J3115 IRON, STEEL SHAPES, EXC SHEET-----  | 146,293    | -----     | -----     | -----                | -----                 | 56,193               | -----  | 90,100               |  |
| J3116 IRON AND STEEL PLATES, SHEETS-----  | 60,256     | -----     | -----     | -----                | -----                 | 19,710               | 13,635 | 26,911               |  |
| J3117 IRON AND STEEL PIPE AND TUBE-----   | 26,541     | -----     | -----     | -----                | -----                 | 26,116               | -----  | 423                  |  |
| J3118 FERRALLOYS-----                     | 59,293     | -----     | -----     | -----                | -----                 | 16,692               | -----  | 42,611               |  |
| J3119 IRON AND STEEL PRODUCTS, NEC-----   | 41,794     | -----     | -----     | -----                | -----                 | 30,727               | -----  | 11,067               |  |
| J3213 LEAD AND ZINC, UNWORKED-----        | 28,772     | -----     | -----     | -----                | -----                 | 15,094               | -----  | 13,678               |  |
| J3224 ALUMINUM AND ALLYS, UNWORKED-----   | 1,270      | -----     | -----     | -----                | -----                 | -----                | -----  | 1,270                |  |
| J3229 ALUMINUM AND ALLYS, WORKED-----     | 653        | -----     | -----     | -----                | -----                 | 653                  | -----  | -----                |  |
| J3411 FABRICATED METAL PRODUCTS-----      | 850        | -----     | 150       | -----                | -----                 | 200                  | -----  | 500                  |  |
| J3511 MACHINERY, EXCEPT ELECTRICAL-----   | 4,922      | 2,450     | -----     | -----                | -----                 | 2,024                | -----  | 448                  |  |
| J3611 ELECTRICAL MACH AND EQUIP-----      | 1,100      | 1,100     | -----     | -----                | -----                 | -----                | -----  | -----                |  |
| J3731 SHIPS AND BOATS-----                | 130        | -----     | -----     | -----                | -----                 | -----                | -----  | 130                  |  |
| J3911 MISC MANUFACTURED PRODUCTS-----     | 25         | -----     | -----     | -----                | -----                 | 25                   | -----  | -----                |  |
| J4011 IRON AND STEEL SCRAP-----           | 176,829    | -----     | -----     | -----                | -----                 | 1,407                | -----  | 175,422              |  |
| J4012 NONFERROUS METAL SCRAP-----         | 235        | -----     | -----     | -----                | -----                 | 235                  | -----  | -----                |  |
| J4029 WASTE AND SCRAP, NEC-----           | 54,889     | 18,522    | -----     | -----                | -----                 | 24,812               | -----  | 11,555               |  |
| J4112 COMMODITIES, NEC-----               | 6,560      | -----     | -----     | -----                | -----                 | 20                   | -----  | 6,540                |  |
| J4119 EMPTY CONTAINERS-----               | 1,111      | -----     | -----     | -----                | -----                 | 1,111                | -----  | -----                |  |

TOTAL TON-MILES, 2,516,167,087.  
AVERAGE HAUL PER TON, 104.5 MILES.

# GULF INTRACOASTAL WATERWAY

45

GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO  
SABINE RIVER, TEX.\* (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: FROM HARVEY AND ALGIERS LOCKS AT NEW ORLEANS TO SABINE RIVER, TEX., 266 MILES. CONTROLLING DEPTH (MEAN LOW GULF): HARVEY AND ALGIERS LOCKS TO SABINE RIVER, TEX., 12 FEET, EXCEPT 10 FEET INTERMITTENTLY BETWEEN NEW ORLEANS AND SABINE RIVER, TEXAS. PROJECT DEPTH: HARVEY AND ALGIERS LOCKS TO SABINE RIVER, TEX., 16 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 61,753,493 | 1983----- | 51,545,852 |
| 1979----- | 55,947,248 | 1984----- | 55,840,086 |
| 1980----- | 54,916,894 | 1985----- | 63,092,992 |
| 1981----- | 52,591,854 | 1986----- | 64,471,662 |
| 1982----- | 50,372,504 | 1987----- | 63,967,724 |

\* GULF INTRACOASTAL WATERWAY, MURGAN CITY-PORT ALLEN ROUTE, NOT INCLUDED. FOR THIS COMMERCE REFER TO INDEX.  
# PASSENGERS--168,960.

## FREIGHT TRAFFIC, 1987

OCEANGOING  
(SHORT TONS)

| COMMODITY                               | TOTAL  | TOTAL  | FOREIGN |         | DOMESTIC<br>COASTWISE<br>THROUGH<br>EASTBOUND |
|---|--------|--------|---------|---------|---|
|   |        |        | IMPORTS | EXPORTS |   |
|   |        |        | 2       | 31,084  |   |
| 0103 CORN-----                          | 965    | 965    |         |         |   |
| 0107 WHEAT-----                         | 10,415 | 10,415 |         |         |   |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 39     | 39     |         |         |   |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 60     | 60     |         |         |   |
| 2022 DRIED MILK AND CREAM-----          | 1,968  | 1,968  |         |         |   |
| 2041 WHEAT FLOUR AND SEMOLINA-----      | 384    | 384    |         |         |   |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 4,442  | 4,442  |         |         |   |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 704    | 704    |         |         |   |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 6,355  | 6,355  |         |         |   |
| 2211 BASIC TEXTILE PRODUCTS-----        | 15     | 15     |         |         |   |
| 2810 SODIUM HYDROXIDE-----              | 1,249  | 1,249  |         |         |   |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 3      | 3      |         |         |   |
| 2914 DISTILLATE FUEL OIL-----           | 3,814  | 3,814  |         |         |   |
| 2915 RESIDUAL FUEL OIL-----             | 7,274  | 7,274  |         |         |   |
| 2916 LUBRICATING OILS AND GREASES-----  | 13     | 13     |         |         |   |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 4      | 4      |         |         |   |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 9      | 9      |         |         |   |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 38     | 38     |         |         |   |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 1,016  | 1,016  |         |         |   |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 2      | 2      |         |         |   |
| 3411 FABRICATED METAL PRODUCTS-----     | 620    | 620    |         |         |   |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 3,430  | 3,430  |         |         |   |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 27     | 27     |         |         |   |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 1      | 1      |         |         |   |
| 3731 SHIPS AND BOATS-----               | 556    | 556    |         |         |   |
| 4029 WASTE AND SCRAP, NEC-----          | 18,522 | 18,522 |         |         |   |
| 4112 COMMODITIES, NEC-----              | 20     | 20     |         |         |   |

TON-MILES, OCEANGOING, 8,457,182.

## INTERNAL

(SHORT TONS)

| COMMODITY                                    | TOTAL      | EASTBOUND | INTERNAL  |           |           | WESTBOUND | INBOUND   | OUTBOUND  | THROUGH<br>WESTBOUND |
|--|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------|
|  |            |           | INBOUND   | OUTBOUND  | THROUGH   |           |           |           |                      |
| EASTBOUND                                    | EASTBOUND  | EASTBOUND | WESTBOUND            |
| 0101 COTTON, RAW-----                        | 4,510      | 4,510     |           |           |           |           |           |           |                      |
| 0103 CORN-----                               | 111,602    |           |           | 65,806    |           |           |           |           | 47,796               |
| 0104 OATS-----                               | 58,364     |           |           |           |           |           |           |           | 68,364               |
| 0105 RICE-----                               | 269,269    |           |           | 7,767     |           |           |           |           | 241,502              |
| 0106 SORGHUM GRAINS-----                     | 29,579     |           |           |           | 16,291    |           |           |           | 13,280               |
| 0107 WHEAT-----                              | 74,485     |           |           | 42,971    |           |           |           |           | 31,514               |
| 0111 SOYBEANS-----                           | 243,920    |           |           | 240,919   |           | 1,575     |           |           | 1,426                |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 1,062      | 1,062     |           |           | 17        |           |           |           |                      |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 2,892      | 2,892     |           |           |           |           |           |           |                      |
| 0931 MARINE SHELLS, UNMANUFACTURED-----      | 2,030,731  | 638,450   |           | 566,900   |           | 454,444   |           |           | 570,937              |
| 1011 IRON ORE AND CONCENTRATES-----          | 19,591     |           |           | 15,200    | 1,315     |           |           |           | 2,076                |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 13,419     |           |           |           |           |           |           |           | 13,419               |
| 1061 MANGANESE ORES, CONCENTRATES-----       | 11,673     |           |           |           | 5,072     |           |           |           | 36,601               |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 6,562      |           |           |           | 1,590     |           |           |           | 4,972                |
| 1121 COAL AND LIGNITE-----                   | 34,023     |           |           |           | 2,720     |           |           |           | 31,303               |
| 1311 CRUDE PETROLEUM-----                    | 16,097,754 | 176,262   | 1,233,426 | 5,295,346 | 2,740,190 | 140,593   | 566,303   | 2,060,298 | 5,484,841            |
| 1411 LIMESTONE-----                          | 103,492    |           | 13,180    |           |           |           | 7,576     |           | 82,736               |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----         | 1,148,136  |           | 26,404    | 70        | 1,618     |           | 520,733   | 284       | 591,027              |
| 1451 CLAY-----                               | 370,927    |           | 49,009    | 23,286    | 51,943    | 753       | 57,766    | 29,720    | 157,048              |
| 1493 SULPHUR, LIQUID-----                    | 611,366    |           |           |           | 406,808   |           |           |           | 4,558                |
| 1498 GYPSUM, CRUDE AND PLASTERS-----         | 4,235      |           |           |           | 2,838     |           |           |           | 1,397                |
| 1499 NOVEMETALLIC MINERALS, NEC-----         | 5,481,166  |           | 1,150     | 1,899,096 | 1,446,495 |           | 18,097    | 789       | 115,039              |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 2,904      |           |           |           |           |           |           |           | 2,904                |
| 2042 ANIMAL FEEDS-----                       | 139,434    |           |           | 35,699    | 73,287    |           |           |           | 30,448               |
| 2049 GRAIN MILL PRODUCTS, NEC-----           | 43,070     |           |           |           | 39,269    |           |           |           | 3,001                |
| 2061 SUGAR-----                              | 516,667    |           |           |           | 314,134   |           |           |           | 2,533                |
| 2062 VOLASSE-----                            | 99,524     |           |           |           | 12,323    |           |           | 2,389     | 84,812               |
| 2091 VEGETABLE OILS, MARG, SHORT-----        | 95,265     | 10,042    | 28,174    | 1,251     |           |           | 49,677    | 2,970     | 3,171                |

## Waterborne Commerce of the United States, 1987

GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO  
SABINE RIVER, TEX.\* (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

INTERNAL--CONTINUED

(SHIPS, U.S.)

| COMMODITY                          | TOTAL     | EASTBOUND | INBOU     | OUTBOUND  | THROUGH   | WESTBOUND | INBOUND   | OUTBOUND  | THROUGH   |
|------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                    |           |           | EASTBOUND | EASTBOUND | EASTBOUND |           | WESTBOUND | WESTBOUND | WESTBOUND |
| 2092 ANIMAL OILS AND FATS, NEC     | 4,025     | -----     | -----     | -----     | 4,025     | -----     | -----     | -----     | -----     |
| 2094 GROCERIES                     | 1,506     | 8         | 6         | 123       | -----     | 16        | 1,205     | 136       | 12        |
| 2099 MISCELLANEOUS FOOD PRODUCTS   | 92,975    | -----     | 1,400     | -----     | 12,482    | 1,131     | -----     | 56,381    | 21,581    |
| 2211 BASIC TEXTILE PRODUCTS        | 677       | -----     | -----     | -----     | -----     | -----     | 304       | 373       | -----     |
| 2212 TEXTILE FIBERS, NEC           | 6,684     | -----     | -----     | -----     | 150       | -----     | -----     | -----     | 6,534     |
| 2311 APPAREL                       | 1         | -----     | -----     | -----     | -----     | -----     | 1         | -----     | -----     |
| 2411 LUGS                          | 1,273     | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 1,273     |
| 2414 TIMBER, PUSIS, MULES, PILING  | 605       | -----     | -----     | -----     | -----     | 180       | -----     | 465       | -----     |
| 2421 LUMBER                        | 440       | -----     | -----     | -----     | -----     | 90        | -----     | 350       | -----     |
| 2631 VENEER, PLYWOOD, WORKED WOOD  | 5,167     | -----     | -----     | -----     | 5,167     | -----     | -----     | -----     | -----     |
| 2691 WOOD MANUFACTURES, NEC        | 105       | -----     | -----     | 18        | 82        | -----     | 1         | 4         | -----     |
| 2611 PULP                          | 1,184     | -----     | -----     | -----     | 1,184     | -----     | -----     | -----     | -----     |
| 2621 STANDARD NEWSPRINT PAPER      | 18,170    | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 18,170    |
| 2631 PAPER AND PAPERBOARD          | 46,846    | -----     | -----     | -----     | 45,618    | -----     | -----     | -----     | 1,228     |
| 2691 PULP AND PAPER PRODUCTS, NEC  | 1         | -----     | -----     | 1         | -----     | -----     | -----     | -----     | -----     |
| 2810 SODIUM HYDROXIDE              | 1,144,221 | -----     | -----     | -----     | 603,282   | -----     | -----     | -----     | 540,939   |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS  | 434,201   | -----     | -----     | -----     | 111,466   | -----     | -----     | -----     | 322,735   |
| 2813 ALCOHOLS                      | 1,026,599 | -----     | -----     | -----     | 670,642   | -----     | -----     | 25        | 357,932   |
| 2816 RADIOACTIVE MATERIALS, RASTES | 1,304     | -----     | -----     | -----     | 1,344     | -----     | -----     | -----     | -----     |
| 2817 BENZENE AND TOLUENE           | 2,038,148 | -----     | -----     | -----     | 877,063   | -----     | -----     | 10        | 1,161,085 |
| 2818 SULPHURIC ACID                | 286,081   | -----     | 10        | -----     | 167,074   | -----     | 10        | -----     | 110,987   |
| 2819 BASIC CHEMICALS AND PROD, NEC | 7,534,224 | 350       | 46,533    | 4,915     | 5,237,933 | 5         | 3,689     | 448,588   | 1,792,211 |
| 2822 SYNTHETIC RUBBER              | 3,596     | -----     | -----     | -----     | 3,596     | -----     | -----     | -----     | -----     |
| 2841 SOAP                          | 2,816     | -----     | -----     | -----     | -----     | -----     | 1         | 2,815     | -----     |
| 2851 PAINTS                        | 150       | -----     | -----     | -----     | -----     | -----     | 150       | -----     | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS  | 460,384   | -----     | -----     | -----     | 34,279    | -----     | 3,092     | -----     | 423,013   |
| 2872 POTASSIC CHEM FERTILIZERS     | 149,519   | -----     | -----     | -----     | 141,221   | -----     | -----     | -----     | 8,098     |
| 2873 PHOSPHATIC CHEM FERTILIZERS   | 76,986    | -----     | -----     | -----     | 1,401     | -----     | -----     | -----     | 75,585    |
| 2879 FERTILIZER AND MATERIALS, NEC | 102,623   | -----     | -----     | -----     | 30,588    | -----     | 1,476     | -----     | 70,559    |
| 2891 MISCELLANEOUS CHEMICAL PRUD   | 151,955   | -----     | -----     | -----     | 74,910    | -----     | 2,778     | -----     | 74,271    |
| 2911 GASOLINE                      | 5,921,392 | -----     | 149,483   | -----     | 2,537,902 | -----     | -----     | -----     | 1,234,007 |
| 2912 JET FUEL                      | 433,555   | -----     | 39,743    | 10,135    | 254,068   | -----     | -----     | 591       | 129,018   |
| 2913 KEROSENE                      | 370,084   | -----     | -----     | -----     | 302,931   | -----     | -----     | -----     | 67,153    |
| 2914 DISTILLATE FUEL OIL           | 4,011,331 | 6,691     | 116,504   | 48,527    | 1,476,079 | 62,393    | 163,716   | 517,876   | 1,618,943 |
| 2915 RESIDUAL FUEL OIL             | 5,443,897 | -----     | 286,204   | 211       | 2,790,663 | -----     | 154,249   | 14,522    | 2,197,748 |
| 2916 LUBRICATING OILS AND GREASES  | 1,527,471 | -----     | 2         | -----     | 1,330,185 | -----     | 1,266     | 3         | 196,013   |
| 2917 NAPHTHA, PETROLEUM SOLVENTS   | 2,023,144 | -----     | -----     | -----     | 968,519   | -----     | -----     | -----     | 1,054,625 |
| 2918 ASPHALT, TAN, AND PITCHES     | 405,431   | -----     | -----     | 3,069     | 306,653   | -----     | -----     | -----     | 95,709    |
| 2920 COKE, PETROLEUM COKE          | 956,612   | -----     | -----     | -----     | 514,991   | -----     | -----     | 900       | 440,721   |
| 2921 LIQUEFIED GASES               | 676,076   | -----     | -----     | -----     | 649,293   | -----     | -----     | -----     | 29,783    |
| 2991 PETROLEUM AND COAL PROD, NEC  | 537,732   | -----     | -----     | -----     | 413,567   | -----     | -----     | -----     | 124,165   |
| 3241 BUILDING CEMENT               | 621,130   | 866       | 3,459     | 7,506     | 9,013     | 4,022     | 4,746     | 429,368   | 161,530   |
| 3251 STRUCTURAL CLAY PRODUCTS      | 67        | -----     | -----     | 67        | -----     | -----     | -----     | -----     | 29,018    |
| 3271 LIME                          | 29,018    | -----     | -----     | -----     | -----     | -----     | 16,700    | 335       | 750       |
| 3291 WISC NONMETALLIC MINERAL PROD | 30,636    | -----     | -----     | 307       | 12,544    | -----     | -----     | -----     | 27,648    |
| 3311 PIG IRON                      | 27,648    | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 36,699    |
| 3312 SLAG                          | 38,002    | -----     | -----     | -----     | 1,303     | -----     | -----     | -----     | -----     |
| 3313 COKE, PET ASPHALT, SOLVENTS   | 65        | -----     | -----     | 65        | -----     | -----     | -----     | -----     | 36,632    |
| 3314 IRON AND STEEL PRIMARY FORMS  | 184,807   | -----     | 4,055     | -----     | 24,391    | -----     | 3,865     | -----     | 152,496   |
| 3315 IRON, STEEL SHAPES, EXC SHEET | 356,323   | -----     | -----     | -----     | 186,248   | -----     | 7,647     | 2,892     | 159,336   |
| 3316 IRON AND STEEL PLATES, SHEETS | 178,119   | -----     | 27,643    | -----     | 8,190     | -----     | 20,338    | -----     | 121,948   |
| 3317 IRON AND STEEL PIPE AND TUBE  | 733,997   | 701       | 44,136    | 17,616    | 18,120    | 1,864     | 9,716     | 430,639   | 211,205   |
| 3318 FERROALLOYS                   | 22,779    | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 22,779    |
| 3319 IRON AND STEEL PRODUCTS, NEC  | 55,588    | -----     | 1,486     | -----     | 10,348    | -----     | 7,122     | -----     | 2,413     |
| 3321 NONFERROUS METALS, NEC        | 3,965     | -----     | -----     | -----     | 1,052     | -----     | -----     | -----     | 1,615     |
| 3322 COPPER ALLOYS, UNWORKED       | 1,615     | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 2,818     |
| 3323 LEAD AND ZINC, UNWORKED       | 2,818     | -----     | -----     | -----     | -----     | -----     | -----     | -----     | 21,456    |
| 3324 ALUMINUM AND ALLOYS, UNWORKED | 22,818    | -----     | -----     | -----     | 1,362     | -----     | -----     | -----     | 9,010     |
| 3411 FABRICATED METAL PRODUCTS     | 63,904    | 10        | 39,233    | 3,752     | 11,269    | 16        | 368       | 186       | 3,359     |
| 3511 MACHINERY, EXCEPT ELECTRICAL  | 76,014    | 118       | 13,411    | 16,662    | 3,691     | 59        | 14,181    | 20,533    | 311       |
| 3611 ELECTRICAL MACH AND EQUIP     | 312       | -----     | -----     | -----     | -----     | 1         | -----     | -----     | 867       |
| 3711 MOTOR VEHICLES, PARTS, EQUIP  | 879       | -----     | 12        | -----     | -----     | -----     | -----     | -----     | -----     |
| 3731 SHIPS AND BOATS               | 1,000     | -----     | -----     | -----     | -----     | -----     | 1,000     | -----     | -----     |
| 3911 WISC MANUFACTURED PRODUCTS    | 555,929   | 4         | 56,820    | 22,869    | 18        | 65        | 14,866    | 461,243   | 64        |
| 4011 IRON AND STEEL SCRAP          | 812,465   | -----     | -----     | 59,625    | 221,908   | -----     | 30        | 32,846    | 498,056   |
| 4012 NONFERROUS METAL SCRAP        | 302       | -----     | -----     | -----     | 302       | -----     | -----     | -----     | -----     |
| 4024 PAPER WASTE AND SCRAP         | 64        | -----     | 64        | -----     | -----     | -----     | -----     | -----     | -----     |
| 4029 WASTE AND SCRAP, NEC          | 186,736   | -----     | 789       | -----     | 26,029    | -----     | 149       | 1         | 159,768   |
| 4111 WATER                         | 539,617   | 4,600     | 2,847     | 76,728    | 3         | 72        | 43,789    | 411,564   | 14        |
| 4112 COMMODITIES, NEC              | 42,966    | -----     | 2,713     | 2,857     | 55,681    | 1         | 2,027     | 3,867     | 15,820    |
| 4118 WATERWAY IMPROVEMENT MAT      | 127,306   | -----     | -----     | -----     | -----     | -----     | 86,000    | 1,200     | 40,106    |
| 4119 EMPTY CONTAINERS              | 2,430     | -----     | 135       | 171       | 996       | -----     | 170       | 132       | 626       |

TDM-MILES, INTERNAL, 9,193,425,465.  
TON-MILES, ALL TRAFFIC, 63,967,724.  
TON-MILES, ALL TRAFFIC, 9,201,882,667.  
AVERAGE HAUL PER TDM, 143.9 MILES.

# GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEX.  
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: SABINE RIVER TO GALVESTON, TEX., 85.7 MILES. CONTROLLING DEPTH: 12.5 FEET. PROJECT DEPTH: 12 FEET, MEAN LOW TIDE.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 43,703,545 | 1983----- | 40,165,385 |
| 1979----- | 42,920,273 | 1984----- | 43,810,015 |
| 1980----- | 41,976,730 | 1985----- | 42,529,396 |
| 1981----- | 43,092,704 | 1986----- | 47,446,666 |
| 1982----- | 38,796,688 | 1987----- | 46,972,930 |

### FREIGHT TRAFFIC, 1987

#### OCEANGOING

(SHORT TONS)

| COMMODITY                      | TOTAL    | SHIPMENTS | DOMESTIC<br>COASTWISE |           |
|--------------------------------|----------|-----------|-----------------------|-----------|
|                                |          |           | THROUGH               | EASTBOUND |
| 2810 SODIUM HYDROXIDE-----     | -----    | -----     | 1,249                 | -----     |
| 2914 DISTILLATE FUEL OIL-----  | -----    | -----     | 5,814                 | -----     |
| 2915 RESIDUAL FUEL OIL-----    | -----    | -----     | 7,274                 | 7,274     |
| 4029 WASTE AND SCRAP, NEC----- | -----    | -----     | 18,522                | 18,522    |
| TUN=MILES, OCEANGOING,         | 698,764. |           |                       |           |

#### INTERNAL

(SHORT TONS)

| COMMODITY                                | TOTAL      | INBOUND   | OUTBOUND  | THROUGH    | WESTBOUND | INBOUND   | OUTBOUND  | THROUGH    |
|--|------------|-----------|-----------|------------|-----------|-----------|-----------|------------|
|  |            | EASTBOUND | EASTBOUND | EASTBOUND  |           | WESTBOUND | WESTBOUND | WESTBOUND  |
| TOTAL-----                               | 46,942,071 | 612,202   | 2,047,018 | 20,143,980 | 33,369    | 1,157,782 | 1,680,230 | 21,263,490 |
| 0101 COTTON, RAW-----                    | 4,510      | -----     | -----     | 4,510      | -----     | -----     | -----     | -----      |
| 0103 CORN-----                           | 7,088      | -----     | -----     | -----      | -----     | -----     | -----     | 7,088      |
| 0104 OATS-----                           | 68,344     | -----     | -----     | -----      | -----     | -----     | -----     | 68,344     |
| 0105 RICE-----                           | 237,908    | -----     | -----     | 1,910      | -----     | -----     | -----     | 235,998    |
| 0106 SORGHUM GRAINS-----                 | 10,615     | -----     | 4,206     | 6,415      | -----     | -----     | -----     | -----      |
| 0107 WHEAT-----                          | 62,287     | -----     | -----     | 30,773     | -----     | -----     | -----     | 31,514     |
| 0111 SOYBEANS-----                       | 8,841      | -----     | -----     | 7,015      | -----     | -----     | -----     | 1,826      |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 284,694    | -----     | -----     | -----      | -----     | 58,800    | -----     | 225,894    |
| 1011 IRON ORE AND CONCENTRATES-----      | 4,191      | -----     | -----     | 1,315      | -----     | -----     | -----     | 2,876      |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 7,819      | -----     | -----     | -----      | -----     | -----     | -----     | 7,819      |
| 1061 MANZANESE ORES, CONCENTRATES-----   | 41,073     | -----     | -----     | 5,072      | -----     | -----     | -----     | 36,601     |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 6,562      | -----     | -----     | 1,590      | -----     | -----     | -----     | 4,972      |
| 1121 COAL AND LIGNITE-----               | 34,023     | -----     | -----     | 2,720      | -----     | -----     | -----     | 31,303     |
| 1311 CRUDE PETROLEUM-----                | 7,786,698  | 11,451    | 80,736    | 1,032,153  | -----     | 185,425   | 178,174   | 6,330,761  |
| 1411 LIMESTONE-----                      | 96,435     | 45,025    | -----     | 31,074     | -----     | 5,173     | -----     | 17,163     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 598,925    | 132,169   | -----     | 16,503     | -----     | 104,385   | -----     | 345,868    |
| 1451 CLAY-----                           | 30,995     | -----     | -----     | 14,620     | -----     | 429       | -----     | 15,746     |
| 1493 SULPHUR, LIQUID-----                | 207,313    | -----     | -----     | 202,755    | -----     | -----     | -----     | 4,558      |
| 1499 GYPSUM, CRUDE AND PLASTERS-----     | 2,838      | -----     | -----     | 2,838      | -----     | -----     | -----     | -----      |
| 1499 NONMETALLIC MINERALS, NEC-----      | 36,567     | -----     | -----     | 10,972     | -----     | -----     | -----     | 25,595     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 2,904      | -----     | -----     | -----      | -----     | -----     | -----     | 2,904      |
| 2042 ANIMAL FEEDS-----                   | 45,635     | -----     | 11,404    | 9,056      | -----     | 9,782     | -----     | 15,393     |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 13,678     | -----     | -----     | 13,678     | -----     | -----     | -----     | -----      |
| 2061 SUGAR-----                          | 89,817     | -----     | -----     | 89,817     | -----     | -----     | -----     | -----      |
| 2062 MOLASSES-----                       | 61,508     | -----     | -----     | 1,360      | -----     | -----     | -----     | 60,148     |
| 2091 VEGETABLE OILS, WAX, SHORT-----     | 2,911      | -----     | -----     | 1,251      | -----     | -----     | -----     | 1,660      |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 14,878     | -----     | -----     | 8,922      | -----     | 4,036     | -----     | 1,920      |
| 2212 TEXTILE FIBERS, NEC-----            | 6,684      | -----     | -----     | 150        | -----     | -----     | -----     | 6,534      |
| 2411 LOGS-----                           | 1,273      | -----     | -----     | -----      | -----     | -----     | -----     | 1,273      |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 5,167      | -----     | 249       | 4,918      | -----     | -----     | -----     | -----      |
| 2621 STANDARD NEWSPRINT PAPER-----       | 16,170     | -----     | -----     | -----      | -----     | -----     | -----     | 16,170     |
| 2631 PAPER AND PAPERBOARD-----           | 46,846     | -----     | -----     | 45,618     | -----     | -----     | -----     | 1,228      |
| 2810 SODIUM HYDROXIDE-----               | 685,115    | 14,071    | -----     | 183,952    | -----     | 11,463    | 1,474     | 474,155    |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 524,408    | -----     | 5,777     | 107,123    | -----     | 11,238    | 2,067     | 397,403    |
| 2813 ALCOHOLS-----                       | 1,374,577  | 1,382     | 2,654     | 694,800    | -----     | -----     | 4,188     | 671,353    |
| 2816 RADIACTIVE MATERIALS, WASTES-----   | 1,344      | -----     | -----     | 1,344      | -----     | -----     | -----     | -----      |
| 2871 BENZENE AND TOLUENE-----            | 2,797,976  | 40,503    | 167,393   | 1,023,152  | 12,604    | 59,322    | 55,988    | 1,439,210  |
| 2878 SULPHURIC ACID-----                 | 281,726    | -----     | -----     | 172,724    | -----     | -----     | -----     | 109,002    |
| 2819 BASIC CHEMICALS AND PHOS., NEC----- | 7,935,389  | -----     | 242,109   | 5,464,031  | -----     | 7,094     | 107,800   | 2,114,355  |
| 2822 SYNTHETIC RUBBER-----               | 5,596      | -----     | -----     | 3,596      | -----     | -----     | -----     | -----      |
| 2841 SOAP-----                           | 2,815      | -----     | -----     | -----      | -----     | -----     | -----     | 2,815      |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 413,908    | -----     | -----     | 8,898      | -----     | -----     | -----     | 405,010    |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 141,221    | -----     | -----     | 141,221    | -----     | -----     | -----     | -----      |
| 2879 FERTILIZERS AND MATERIALS, NEC----- | 94,863     | -----     | -----     | 30,588     | -----     | -----     | -----     | 64,275     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 91,084     | -----     | -----     | 15,476     | -----     | -----     | -----     | 75,608     |
| 2911 GASOLINE-----                       | 72,483     | -----     | -----     | 3,603      | -----     | -----     | -----     | 71,082     |
| 2912 JET FUEL-----                       | 4,345,386  | 46,566    | 168,524   | 2,579,913  | 16,965    | 144,265   | 114,128   | 1,275,025  |
| 2913 KEROSENE-----                       | 573,910    | -----     | -----     | 285,913    | -----     | -----     | 80,291    | 207,706    |
| 2914 DISTILLATE FUEL OIL-----            | 329,659    | -----     | 56,605    | 246,326    | 3,125     | -----     | -----     | 23,603     |
| 2915 RESIDUAL FUEL OIL-----              | 2,940,684  | 80,271    | 76,200    | 1,355,601  | 675       | 119,976   | 97,256    | 1,210,645  |
| 2916 LUBRICATING OILS AND GREASES-----   | 6,462,614  | 117,065   | 616,583   | 2,508,145  | -----     | 368,983   | 737,757   | 2,119,081  |
| 2917 ASPHALT, TAR, AND PITCHES-----      | 1,334,252  | 11,374    | 215,492   | 842,076    | -----     | 19,915    | 51,571    | 193,024    |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 2,295,226  | 13,810    | 118,957   | 1,026,068  | -----     | 56,758    | 27,106    | 1,050,527  |
| 2920 COKE, PETROLEUM COKE-----           | 386,202    | -----     | 32,478    | 245,500    | -----     | -----     | 6,200     | 102,024    |
|  | 489,758    | 94,050    | 190,461   | 145,813    | -----     | 15,042    | 1,466     | 38,720     |

## Waterborne Commerce of the United States, 1987

GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEX.  
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | INBOUND   |           | OUTBOUND  |           | THROUGH<br>EASTBOUND | WESTBOUND | INBOUND   |           | OUTBOUND  |           | THROUGH<br>WESTBOUND |
|---|---------|-----------|-----------|-----------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|----------------------|
|   |         | EASTBOUND | WESTBOUND | EASTBOUND | WESTBOUND |                      |           | EASTBOUND | WESTBOUND | EASTBOUND | WESTBOUND |                      |
| 2921 LIQUEFIED GASES-----               | 495,164 | -----     | -----     | 468,381   | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 26,783               |
| 2991 PETROLEUM AND COAL PROD., VEC----- | 810,337 | 2,559     | 45,124    | 390,280   | -----     | 13,257               | 216,384   | 150,733   | -----     | -----     | -----     | -----                |
| 3241 BUILDING CEMENT-----               | 61,242  | -----     | -----     | 49,048    | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 12,194               |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 12,544  | -----     | -----     | 12,544    | -----     | -----                | -----     | -----     | -----     | -----     | -----     | -----                |
| 5311 PIG IRON-----                      | 27,648  | -----     | -----     | -----     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 27,648               |
| 5312 SLAG-----                          | 32,349  | -----     | -----     | -----     | -----     | 4,361                | -----     | -----     | -----     | -----     | -----     | 27,988               |
| 5314 IRON AND STEEL PRIMARY FORMS-----  | 171,785 | -----     | -----     | 24,391    | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 147,394              |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 346,440 | -----     | -----     | 185,812   | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 165,828              |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 125,163 | -----     | -----     | 8,190     | -----     | 1,100                | -----     | -----     | -----     | -----     | -----     | 115,873              |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 197,405 | -----     | -----     | 13,984    | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 163,421              |
| 3318 FERROALLOYS-----                   | 22,779  | -----     | -----     | -----     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 22,779               |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 47,503  | -----     | 1,603     | 8,745     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 37,155               |
| 3321 NONFERROUS METALS, NEC-----        | 3,965   | -----     | -----     | 1,552     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 2,413                |
| 3322 COPPER ALLOYS, UNWORKED-----       | 1,615   | -----     | -----     | -----     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 1,615                |
| 3323 LEAD AND ZINC, UNWORKED-----       | 2,818   | -----     | -----     | -----     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 2,818                |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 1,805   | -----     | -----     | 1,362     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 463                  |
| 3411 FABRICATED METAL PRODUCTS-----     | 19,256  | -----     | -----     | 10,290    | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 8,966                |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 6,988   | -----     | -----     | 3,650     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 3,338                |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 310     | -----     | -----     | -----     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 310                  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 867     | -----     | -----     | -----     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 867                  |
| 5911 MISC MANUFACTURED PRODUCTS-----    | 1,500   | 1,500     | -----     | -----     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | -----                |
| 4011 IRON AND STEEL SCRAP-----          | 774,248 | -----     | 6,269     | 251,837   | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 516,542              |
| 4012 NONFERROUS METAL SCRAP-----        | 302     | -----     | -----     | 302       | -----     | -----                | -----     | -----     | -----     | -----     | -----     | -----                |
| 4029 ASBESTOS AND SCRAP, NEC-----       | 251,959 | -----     | -----     | 26,029    | -----     | -----                | -----     | -----     | -----     | 5,580     | 220,350   | -----                |
| 4112 COMMODITIES, NEC-----              | 71,456  | -----     | -----     | 55,661    | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 15,795               |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 23,058  | -----     | -----     | -----     | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 23,058               |
| 4119 EMPTY CONTAINERS-----              | 1,572   | -----     | -----     | 772       | -----     | -----                | -----     | -----     | -----     | -----     | -----     | 800                  |

TON-MILES, INTERNAL, 3,012,015,573.  
TONS, ALL TRAFFIC, 46,972,930.  
TON-MILES, ALL TRAFFIC, 3,012,710,333.  
AVERAGE HAUL PER TON, 64.1 MILES.

GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.  
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: GALVESTON TO CORPUS CHRISTI SHIP CHANNEL, TEX., 167.7 MILES. CONTROLLING DEPTH: GALVESTON TO FREEPORT, TEX., 12.0 FEET; FREEPORT TO PORT O'CONNOR, TEX., 13 FEET; PORT O'CONNOR TO CORPUS CHRISTI, TEX., 11 FEET. PROJECT DEPTH: 12 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 20,435,301 | 1983----- | 19,340,598 |
| 1979----- | 22,436,774 | 1984----- | 20,991,548 |
| 1980----- | 21,142,516 | 1985----- | 22,957,190 |
| 1981----- | 22,692,629 | 1986----- | 23,819,762 |
| 1982----- | 18,975,500 | 1987----- | 23,055,688 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL      | INTERNAL  |                      |                       |                      |           |                      | THROUGH<br>WESTBOUND  |           |
|--|------------|-----------|----------------------|-----------------------|----------------------|-----------|----------------------|-----------------------|-----------|
|  |            | EASTBOUND | INBOUND<br>EASTBOUND | OUTBOUND<br>EASTBOUND | THROUGH<br>EASTBOUND | WESTBOUND | INBOUND<br>WESTBOUND | OUTBOUND<br>WESTBOUND |           |
| TOTAL-----                               | 23,055,688 | 1,800     | 343,832              | 646,163               | 12,163,335           | 2,800     | 1,866,590            | 157,642               | 8,273,526 |
| 0101 COTTON, RAGS-----                   | 4,510      | -----     | -----                | 1,230                 | 3,280                | -----     | -----                | -----                 | -----     |
| 0103 CORN-----                           | 5,714      | -----     | -----                | 410                   | -----                | 2,797     | -----                | -----                 | 2,917     |
| 0105 RICE-----                           | 127,636    | -----     | -----                | 5,415                 | -----                | 1,156     | -----                | -----                 | 126,070   |
| 0106 SUGAR/GRUM GRAMS-----               | 6,415      | -----     | -----                | 3,071                 | 2,940                | -----     | -----                | -----                 | -----     |
| 0107 WHEAT-----                          | 5,511      | -----     | -----                | -----                 | -----                | -----     | -----                | -----                 | -----     |
| 0111 SOYBEANS-----                       | 1,420      | -----     | -----                | -----                 | -----                | -----     | -----                | -----                 | 1,420     |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 390        | -----     | 390                  | -----                 | -----                | -----     | -----                | -----                 | -----     |
| 0951 MARINE SHELLS, UNMANUFACTURED-----  | 88,993     | -----     | -----                | -----                 | -----                | 82,863    | -----                | -----                 | 8,130     |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 9,549      | -----     | -----                | -----                 | -----                | -----     | -----                | -----                 | 9,549     |
| 1061 VANADESE ORES, CONCENTRATES-----    | 25,768     | -----     | -----                | -----                 | 1,583                | -----     | -----                | -----                 | 24,405    |
| 1091 NONFERROUS ORES, CONCENT., VEC----- | 1,399      | -----     | -----                | -----                 | -----                | -----     | -----                | -----                 | 1,399     |
| 1121 COAL AND LIGNITE-----               | 10,045     | -----     | -----                | 2,720                 | -----                | 7,325     | -----                | -----                 | -----     |
| 1311 CRUDE PETROLEUM-----                | 1,253,721  | -----     | 437,853              | 208,754               | -----                | 14,820    | 99,274               | 493,020               | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 1,546,745  | 304,288   | -----                | 75,231                | -----                | 52,071    | 12                   | 255,143               | -----     |
| 1451 CLAY-----                           | 23,326     | -----     | 12                   | 14,678                | -----                | 53        | 117                  | 8,466                 | -----     |
| 1493 SULPHUR, LIQUID-----                | 41,711     | -----     | 16,609               | 24,146                | 20,057               | -----     | 9,619                | 11,270                | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----      | 42,115     | -----     | -----                | 2,054                 | 11,270               | -----     | 243                  | 2,912                 | 25,636    |
| 2042 ANIMAL FEEDS-----                   | 4,336      | -----     | -----                | -----                 | 2,676                | -----     | -----                | -----                 | 1,458     |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 4,075      | -----     | -----                | 2,060                 | 2,075                | -----     | -----                | -----                 | -----     |
| 2061 SUGAR-----                          | 89,817     | -----     | -----                | 89,817                | -----                | -----     | -----                | -----                 | -----     |
| 2094 GROCERIES-----                      | 147        | -----     | -----                | 51                    | -----                | -----     | -----                | 116                   | -----     |
| 2095 ICE-----                            | 1,415      | -----     | -----                | -----                 | -----                | -----     | 1,415                | -----                 | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 1,528      | -----     | -----                | -----                 | -----                | -----     | 1,528                | -----                 | -----     |
| 2411 LOGS-----                           | 1,273      | -----     | -----                | -----                 | -----                | -----     | -----                | -----                 | 1,273     |
| 2621 STANDARD VERSPHINT PAPER-----       | 5,370      | -----     | -----                | -----                 | -----                | -----     | -----                | 5,370                 | -----     |

## GULF INTRACOASTAL WATERWAY

GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.  
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                             | TOTAL     | INTERNAL             |                       |                      |           |                      |                       |                      |           |
|---------------------------------------|-----------|----------------------|-----------------------|----------------------|-----------|----------------------|-----------------------|----------------------|-----------|
|                                       |           | INBOUND<br>EASTBOUND | OUTBOUND<br>EASTBOUND | THROUGH<br>EASTBOUND | WESTBOUND | INBOUND<br>WESTBOUND | OUTBOUND<br>WESTBOUND | THROUGH<br>WESTBOUND |           |
| 2810 SODIUM HYDROXIDE-----            | 680,704   | -----                | -----                 | 107,783              | -----     | 37,618               | -----                 | 535,303              |           |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS--   | 379,011   | -----                | 6,233                 | 131,229              | -----     | 5,703                | -----                 | 237,866              |           |
| 2813 ALCOHOLS-----                    | 771,668   | -----                | -----                 | 256,595              | -----     | -----                | -----                 | 514,893              |           |
| 2816 RADIOACTIVE MATERIALS, WASTES--  | 1,344     | -----                | -----                 | 1,344                | -----     | -----                | -----                 | -----                |           |
| 2817 BENZENE AND TOLUENE-----         | 1,433,075 | -----                | -----                 | 650,160              | -----     | -----                | -----                 | 782,915              |           |
| 2818 SULPHURIC ACID-----              | 447,071   | -----                | -----                 | 2,109                | -----     | -----                | -----                 | 444,962              |           |
| 2819 BASIC CHEMICALS AND PHOD, NEC--  | 5,527,912 | -----                | 2,032                 | 5,456                | 3,442,510 | -----                | 2,537                 | 661                  | 2,074,700 |
| 2821 PLASTIC MATERIALS-----           | 1,080     | -----                | -----                 | 1,080                | -----     | -----                | -----                 | -----                |           |
| 2822 SYNTHETIC RUBBER-----            | 1,000     | -----                | -----                 | -----                | -----     | -----                | -----                 | 1,000                |           |
| 2841 SOAP-----                        | 46        | -----                | 2                     | -----                | -----     | -----                | 46                    | -----                |           |
| 2861 GUM AND RUB CHEMICALS-----       | 4,304     | -----                | -----                 | 4,344                | -----     | -----                | -----                 | -----                |           |
| 2871 NITROGENOUS CHEM FERTILIZERS--   | 260,994   | -----                | -----                 | 14,977               | -----     | 6,657                | -----                 | 239,360              |           |
| 2873 PHOSPHATIC CHEM FERTILIZERS--    | 26,399    | -----                | -----                 | -----                | -----     | -----                | -----                 | 26,399               |           |
| 2891 MISCELLANEOUS CHEMICAL PROD----- | 36,209    | -----                | -----                 | 4,831                | -----     | -----                | -----                 | 31,378               |           |
| 2911 GASOLINE-----                    | 3,005,225 | -----                | -----                 | 3,166                | 2,640,531 | -----                | 67,418                | -----                | 266,116   |
| 2912 JET FUEL-----                    | 215,271   | -----                | -----                 | 204,082              | -----     | -----                | -----                 | 11,189               |           |
| 2913 KEROSENE-----                    | 177,253   | -----                | -----                 | 168,546              | -----     | -----                | -----                 | 8,707                |           |
| 2914 DISTILLATE FUEL OIL-----         | 1,229,089 | -----                | 5,804                 | 21,621               | 931,791   | -----                | 162,302               | 23,516               | 84,358    |
| 2915 RESIDUAL FUEL OIL-----           | 2,438,096 | -----                | 10,661                | 66,591               | 1,540,938 | 2,800                | 272,811               | 15,588               | 516,747   |
| 2916 LUBRICATING OILS AND GREASES--   | 247,018   | -----                | -----                 | -----                | 15,443    | -----                | -----                 | -----                | 231,575   |
| 2917 NAPHTHA, PETROLEUM SOLVENTS--    | 1,111,106 | -----                | -----                 | 12,344               | 202,848   | -----                | 2,533                 | -----                | 893,383   |
| 2918 ASPHALT, TAR, AND PITCHES--      | 176,875   | -----                | -----                 | 3,201                | 146,715   | -----                | -----                 | -----                | 26,959    |
| 2920 COKE, PETROLEUM COKE--           | 110,224   | -----                | -----                 | -----                | 77,931    | -----                | -----                 | -----                | 32,293    |
| 2921 LIQUEFIED GASES-----             | 23,167    | -----                | -----                 | -----                | 14,783    | -----                | -----                 | -----                | 8,384     |
| 2991 PETROLEUM AND CUAL PROD, NEC--   | 430,864   | -----                | -----                 | -----                | 196,712   | -----                | -----                 | -----                | 232,152   |
| 3241 BUILDING CEMENT-----             | 52,665    | -----                | 212                   | -----                | -----     | 46,443               | -----                 | -----                | 6,010     |
| 3291 MISC NONMETALLIC MINERAL PROD--  | 16,307    | 1,500                | 2,600                 | -----                | 12,207    | -----                | -----                 | -----                | -----     |
| 3311 PIG IRON-----                    | 4,700     | -----                | -----                 | -----                | -----     | -----                | -----                 | -----                | 4,700     |
| 3312 SLAG-----                        | 13,927    | -----                | -----                 | -----                | -----     | 13,927               | -----                 | -----                | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS--   | 2,769     | -----                | -----                 | -----                | 1,266     | -----                | -----                 | -----                | 1,503     |
| 3315 IRON, STEEL SHAPES, EXC SHEET--  | 35,062    | -----                | -----                 | -----                | 9,569     | -----                | -----                 | -----                | 25,493    |
| 3316 IRON AND STEEL PLATES, SHEETS--  | 16,183    | -----                | -----                 | -----                | 3,826     | -----                | -----                 | -----                | 12,356    |
| 3317 IRON AND STEEL PIPE AND TUBE--   | 2,146     | -----                | 56                    | 1,831                | -----     | -----                | 212                   | 67                   | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC--   | 2,145     | -----                | -----                 | -----                | 2,145     | -----                | -----                 | -----                | -----     |
| 3321 NONFERROUS METALS, NEC--         | 1,552     | -----                | -----                 | -----                | 1,552     | -----                | -----                 | -----                | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED--  | 1,362     | -----                | -----                 | -----                | 1,362     | -----                | -----                 | -----                | -----     |
| 3411 FABRICATED METAL PRODUCTS--      | 613       | -----                | 6                     | -----                | -----     | -----                | -----                 | 131                  | 276       |
| 3511 MACHINERY, EXCEPT ELECTRICAL--   | 10,633    | -----                | 1,197                 | 5,549                | 200       | -----                | 2,309                 | 1,378                | -----     |
| 3911 MISC MANUFACTURED PRODUCTS--     | 2,505     | -----                | -----                 | 597                  | 1,500     | 407                  | 1                     | -----                | -----     |
| 4011 IRON AND STEEL SCHAP-----        | 51,689    | -----                | -----                 | 4,300                | 45,235    | -----                | -----                 | 1,106                | 1,250     |
| 4029 WASTE AND SCRAP, NEC-----        | 662,240   | -----                | 30                    | -----                | -----     | 662,210              | -----                 | -----                | -----     |
| 4111 WATER-----                       | 23,142    | 292                  | -----                 | 18,115               | -----     | -----                | 4,672                 | 63                   | -----     |
| 4112 COMMODITIES, NEC-----            | 12,603    | -----                | -----                 | 6,247                | -----     | -----                | 6,556                 | -----                | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----    | 23,058    | -----                | -----                 | -----                | -----     | -----                | -----                 | -----                | 23,058    |
| 4119 EMPTY CONTAINERS-----            | 163       | -----                | 8                     | 65                   | 90        | -----                | -----                 | -----                | -----     |
| TOTAL TON-MILES, 2,709,016,485.       |           |                      |                       |                      |           |                      |                       |                      |           |
| AVERAGE HAUL PER TON, 117.5 MILES.    |           |                      |                       |                      |           |                      |                       |                      |           |

GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEX., TO MEXICAN BORDER (INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: CORPUS CHRISTI SHIP CHANNEL TO BRUNNSVILLE, TEX., INCLUDING SIDE CHANNELS AND SMALL BOAT HARBOR AT PORT ISABEL, TEX., 146 FEET; CONTROLLED DEPTHS: CORPUS CHRISTI TO BRUNNSVILLE, TEX., 10 FEET; SIDE CHANNELS AT PORT ISABEL, TEX., 12 FEET; SMALL BOAT HARBOR, 5.0 FEET. PROJECT DEPTHS: CORPUS CHRISTI TO BROWNSVILLE, TEX., 12 FEET; SIDE CHANNELS AT PORT ISABEL, TEX., 12 FEET; AND SMALL BOAT HARBOR 7 AND 6 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 2,106,132 | 1983----- | 1,782,627 |
| 1979----- | 2,468,372 | 1984----- | 1,877,388 |
| 1980----- | 2,388,221 | 1985----- | 2,126,364 |
| 1981----- | 2,251,646 | 1986----- | 1,723,040 |
| 1982----- | 2,066,270 | 1987----- | 1,662,028 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL     | CAYMAN ISLE          |                      | INTERNAL              |                      |                      |                       |
|--|-----------|----------------------|----------------------|-----------------------|----------------------|----------------------|-----------------------|
|  |           | THROUGH<br>EASTBOUND | INBOUND<br>EASTBOUND | OUTBOUND<br>EASTBOUND | THROUGH<br>EASTBOUND | INBOUND<br>WESTBOUND | OUTBOUND<br>WESTBOUND |
| TOTAL-----                               | 1,862,826 | 22                   | 181                  | 302,926               | 107,974              | 841,054              | 610,671               |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 59        | -----                | -----                | -----                 | -----                | 39                   | -----                 |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 251       | -----                | 181                  | -----                 | -----                | 70                   | -----                 |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 6,304     | -----                | -----                | -----                 | -----                | 6,304                | -----                 |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 25,768    | -----                | -----                | 1,383                 | -----                | 24,605               | -----                 |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 1,394     | -----                | -----                | -----                 | -----                | 1,394                | -----                 |
| 1311 CRUDE PETROLEUM-----                | 236,570   | -----                | -----                | 236,570               | -----                | -----                | -----                 |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 165,643   | -----                | -----                | 40                    | -----                | 86,592               | 79,005                |

## Waterborne Commerce of the United States, 1987

GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEX., TO MEXICAN BORDER (INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | COASTWISE            |                      | INTERNAL              |                      |                      |                      |
|---|---------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|
|   |         | THROUGH<br>EASTBOUND | INBOUND<br>EASTBOUND | OUTBOUND<br>EASTBOUND | THROUGH<br>EASTBOUND | INBOUND<br>WESTBOUND | THROUGH<br>WESTBOUND |
| 1451 CLAY-----                          | 7,991   | -----                | -----                | 25                    | -----                | 7,966                | -----                |
| 1493 SULPHUR, LIQUID-----               | 19,974  | -----                | -----                | -----                 | -----                | 19,974               | -----                |
| 1499 NONMETALLIC MINERALS, NEC-----     | 22,130  | -----                | -----                | 11,775                | -----                | 10,355               | -----                |
| 2031 FISH AND SHELLFISH, PREPARED-----  | 22      | 22                   | -----                | -----                 | -----                | -----                | -----                |
| 2042 ANIMAL FEEDS-----                  | 2,876   | -----                | -----                | -----                 | 2,876                | -----                | -----                |
| 2061 SUGAR-----                         | 69,817  | -----                | -----                | -----                 | 89,817               | -----                | -----                |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 24      | -----                | -----                | 24                    | -----                | -----                | -----                |
| 2813 ALCOHOLS-----                      | 2,722   | -----                | -----                | -----                 | -----                | 2,722                | -----                |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 11,292  | -----                | -----                | 1,701                 | -----                | 9,591                | -----                |
| 2822 SYNTHETIC RUBBER-----              | 1,000   | -----                | -----                | -----                 | -----                | 1,000                | -----                |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 65,198  | -----                | -----                | -----                 | -----                | 8,507                | 56,691               |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 8,964   | -----                | -----                | -----                 | -----                | -----                | 8,964                |
| 2911 GASOLINE-----                      | 801,025 | -----                | -----                | 7,253                 | -----                | 356,501              | 444,524              |
| 2912 JET FUEL-----                      | 7,253   | -----                | -----                | 7,253                 | -----                | -----                | -----                |
| 2914 DISTILLATE FUEL OIL-----           | 118,160 | -----                | -----                | 102                   | -----                | 96,571               | 21,587               |
| 2915 RESIDUAL FULL OIL-----             | 6,895   | -----                | -----                | 4,742                 | -----                | 2,153                | -----                |
| 2916 LUBRICATING OILS AND GREASES-----  | 139,202 | -----                | -----                | 22                    | -----                | 139,180              | -----                |
| 2917 NAPHTHA PETROLEUM SOLVENTS-----    | 1,400   | -----                | -----                | -----                 | -----                | 1,400                | -----                |
| 3241 BUILDING CEMENT-----               | 562     | -----                | -----                | 562                   | -----                | -----                | -----                |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 11,961  | -----                | -----                | -----                 | 11,461               | -----                | -----                |
| 3311 PIG IRON-----                      | 4,700   | -----                | -----                | -----                 | -----                | 4,700                | -----                |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 2,769   | -----                | -----                | 1,266                 | -----                | 1,503                | -----                |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 33,653  | -----                | -----                | 8,160                 | -----                | 25,493               | -----                |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 16,182  | -----                | -----                | 5,826                 | -----                | 12,356               | -----                |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 497     | -----                | -----                | 447                   | -----                | 50                   | -----                |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 2,145   | -----                | -----                | 2,145                 | -----                | -----                | -----                |
| 3321 NONFERROUS METALS, NEC-----        | 1,552   | -----                | -----                | 1,552                 | -----                | -----                | -----                |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 739     | -----                | -----                | 459                   | -----                | 280                  | -----                |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 185     | -----                | -----                | 156                   | -----                | 29                   | -----                |
| 4011 IRON AND STEEL SCRAP-----          | 18,030  | -----                | -----                | 11,856                | 3,818                | 2,356                | -----                |
| 4029 WASTE AND SCRAP, NEC-----          | 8       | -----                | -----                | -----                 | -----                | 8                    | -----                |
| 4111 WATER-----                         | 8,886   | -----                | -----                | 8,846                 | -----                | -----                | -----                |
| 4116 WATERWAY IMPROVEMENT MAT-----      | 19,550  | -----                | -----                | -----                 | -----                | 19,550               | -----                |

TOTAL TON-MILES, 229,359,772.  
AVERAGE HAUL PER TON, 123.1 MILES.

# JACKSONVILLE, FL, DISTRICT GULF COAST AND ANTILLES PORTION

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## OKEECHOBEE WATERWAY, FLA.

SECTION INCLUDED: JUNCTION WITH INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA., TO GULF OF MEXICO VIA CLEWISTON AND CHANNEL ACROSS LAKE OKEECHOBEE, 150.6 MILES; SOUTH SHORE LEVEE CHANNEL FROM PORT MAYACA TO CLEWISTON, 30.7 MILES; NATURAL CHANNELS ALONG NORTHERLY SHORE OF THE LAKE FROM PORT MAYACA TO MOORE HAVEN LOCK, 57.3 MILES; TAYLOR CREEK TO TOWN OF OKEECHOBEE, FLA., 4 MILES, CONTROLLING DEPTH: 8.0 FEET FROM GULF OF MEXICO TO PUNTA RASA, 3.8 MILES; THENCE 6 FEET TO PORT MYERS (EDISON MEMORIAL BRIDGE), 16.3 MILES; THENCE 8 FEET TO STUART, FLORIDA. THENCE 5 FEET TO THE INTRACOASTAL WATERWAY AND 5 FEET IN TAYLOR CREEK. PROJECT DEPTH: 12 FEET, GULF OF MEXICO TO PUNTA RASA; THENCE 10 FEET TO PORT MYERS; THENCE TO THE INTRACOASTAL WATERWAY, 8 FEET VIA CLEWISTON AND THE CHANNEL ACROSS THE LAKE, OR 6 FEET VIA SOUTH SHORE LEVEE CHANNELS AND 6 FEET IN TAYLOR CREEK TO THE TOWN OF OKEECHOBEE.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|---------|------------|-----------|-----------|------------|
| 1978----- | 711,403 | 36,382     | 1983----- | 87,734    | 17,921     |
| 1979----- | 844,894 | 39,734     | 1984----- | 586,895   | 553        |
| 1980----- | 972,424 | 39,537     | 1985----- | 609,129   | 20,090     |
| 1981----- | 933,999 | 36,739     | 1986----- | 1,320,298 | 20,751     |
| 1982----- | 633,990 | 27,271     | 1987----- | 675,656   | 1,227      |

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

### FREIGHT TRAFFIC, 1987

#### DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | COASTWISE |           | INTERNAL |          |           |        | THROUGH<br>EASTBOUND | THROUGH<br>WESTBOUND |  |  |
|---|---------|-----------|-----------|----------|----------|-----------|--------|----------------------|----------------------|--|--|
|   |         | THROUGH   |           | INBOUND  | OUTBOUND | EASTBOUND |        |                      |                      |  |  |
|   |         | EASTBOUND | WESTBOUND |          |          |           |        |                      |                      |  |  |
| TOTAL-----                              | 675,656 | 4,136     | 1,371     | 649,583  | 6,098    | 1,229     | 12,879 | 400                  |                      |  |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 1,229   | -----     | -----     | -----    | -----    | 1,229     | -----  | -----                | -----                |  |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 1,008   | -----     | -----     | 1,008    | -----    | -----     | -----  | -----                | -----                |  |  |
| 2095 ICE-----                           | 6,098   | -----     | -----     | -----    | 6,098    | -----     | -----  | -----                | -----                |  |  |
| 2015 ALCOHOLS-----                      | 1,286   | 1,286     | -----     | -----    | -----    | -----     | -----  | -----                | -----                |  |  |
| 2915 DISTILLATE FUEL OIL-----           | 10,235  | -----     | -----     | 10,235   | -----    | -----     | -----  | -----                | -----                |  |  |
| 2915 RESIDUAL FUEL OIL-----             | 638,300 | -----     | -----     | 638,300  | -----    | -----     | -----  | -----                | -----                |  |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 3,771   | 1,200     | 1,371     | -----    | -----    | -----     | 800    | 800                  |                      |  |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 1,100   | 1,100     | -----     | -----    | -----    | -----     | -----  | -----                | -----                |  |  |
| 3731 SHIPS AND BOATS-----               | 300     | 300       | -----     | -----    | -----    | -----     | -----  | -----                | -----                |  |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 250     | 250       | -----     | -----    | -----    | -----     | -----  | -----                | -----                |  |  |
| 4011 IRON AND STEEL SCRAP-----          | 12,079  | -----     | -----     | -----    | -----    | -----     | 12,079 | -----                | -----                |  |  |
| TOTAL TON-MILES, 16,678,847.            |         |           |           |          |          |           |        |                      |                      |  |  |

## CHARLOTTE HARBOR, FLA.

SECTION INCLUDED: GULF OF MEXICO TO MUNICIPAL TERMINAL AT PUNTA GORDA, ABOUT 29.5 MILES; WATERFRONT ON GASPARILLA ISLAND FROM PORT BOCA GRANDE TO BOCA GRANDE, 4.5 MILES; AND MYAKKA RIVER TO EL JOBEAN, 4 MILES. CONTROLLING DEPTH: 29.0 FEET FROM THE GULF OF MEXICO TO PORT BOCA GRANDE; THENCE 6 FEET TO PUNTA GORDA. PROJECT DEPTH: 32 FEET FROM THE GULF OF MEXICO TO PORT BOCA GRANDE, 4.5 MILES; THENCE 10 FEET TO THE MUNICIPAL TERMINAL AT PUNTA GORDA, 25 MILES.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,748,036 | 1983----- | 938,461   |
| 1979----- | 1,730,865 | 1984----- | 586,872   |
| 1980----- | 1,353,114 | 1985----- | 477,358   |
| 1981----- | 1,170,351 | 1986----- | 1,392,845 |
| 1982----- | 877,126   | 1987----- | 1,007,075 |

### FREIGHT TRAFFIC, 1987

#### DOMESTIC

(SHORT TONS)

| COMMODITY                              | TOTAL     | COASTWISE |           |          |           | LOCAL |
|--|-----------|-----------|-----------|----------|-----------|-------|
|  |           | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |       |
| TOTAL-----                             | 1,007,075 | 347,567   | 9,870     | 702      | 648,738   | 198   |
| 0911 FRESH FISH, EXCEPT SHELLFISH----- | 396       | -----     | -----     | 198      | -----     | 198   |
| 0912 SHELLFISH, EXCEPT PREPARED-----   | 504       | -----     | -----     | 504      | -----     |       |
| 2095 ICE-----                          | 203       | -----     | -----     | -----    | 203       |       |
| 2914 DISTILLATE FUEL OIL-----          | 10,235    | -----     | -----     | -----    | 10,235    |       |
| 2915 RESIDUAL FUEL OIL-----            | 995,737   | 347,567   | 9,870     | -----    | 638,300   | ----- |
| TOTAL TON-MILES, 3,752,509.            |           |           |           |          |           |       |

# Waterborne Commerce of the United States, 1987

## INTRACOASTAL WATERWAY, CALOOSA HATCHEE RIVER TO ANCLOTE RIVER, FLA.

SECTION INCLUDED: MOUTH OF CALOOSA HATCHEE RIVER TO ANCLOTE RIVER, 160 MILES; CONTROLLING DEPTH: 6 FEET; CALOOSA HATCHEE RIVER TO ANCLOTE RIVER, 7 FEET IN CATS POINT CHANNEL ALONG THE SOUTHEASTERN SIDE OF BOCA CIEGA BAY AND ACROSS CATS POINT SHOAL; PROJECT DEPTH: 9 FEET; CALOOSA HATCHEE RIVER TO ANCLOTE RIVER, INCLUDING SUNSHINE SKYWAY BORROW CHANNEL.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|-----------|------------|-----------|-----------|------------|
| 1978----- | 1,568,618 | 46,000     | 1983----- | 1,398,631 | 75,388     |
| 1979----- | 1,072,755 | 121,580    | 1984----- | 1,325,712 | 100,936    |
| 1980----- | 1,215,318 | 139,276    | 1985----- | 602,289   | 101,626    |
| 1981----- | 1,328,030 | 146,284    | 1986----- | 1,417,175 | 106,185    |
| 1982----- | 1,199,899 | 121,502    | 1987----- | 749,081   | 104,380    |

### FREIGHT TRAFFIC, 1987

#### OCEANGOING

(SHORT TONS)

| COMMODITY                               | TOTAL      | DOMESTIC<br>COASTWISE |            |            |  |
|---|------------|-----------------------|------------|------------|--|
|   |            | SHIPMENTS             | THROUGH    |            |  |
|   |            |                       | NORTHBOUND | SOUTHBOUND |  |
| TOTAL-----                              | 66,926     | 150                   | 7,535      | 59,241     |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 5,359      | -----                 | -----      | 5,359      |  |
| 2810 SODIUM HYDROXIDE-----              | 13,196     | -----                 | -----      | 13,196     |  |
| 2813 ALCOHOLS-----                      | 1,286      | -----                 | 1,286      | -----      |  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 2,037      | -----                 | 2,037      | -----      |  |
| 2921 LIQUEFIED GASES-----               | 5,065      | -----                 | 2,391      | 2,674      |  |
| 3241 BUILDING CEMENT-----               | 34,812     | -----                 | -----      | 34,812     |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 150        | 150                   | -----      | -----      |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 3,371      | -----                 | 1,621      | 1,750      |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 1,100      | -----                 | 200        | 900        |  |
| 3731 SHIPS AND BOATS-----               | 300        | -----                 | -----      | 300        |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 250        | -----                 | -----      | 250        |  |
| TON-MILES, OCEANGOING, -----            | 3,723,093. |                       |            |            |  |

### INTERNAL

(SHORT TONS)

| COMMODITY                              | TOTAL       | INBOUND | OUTBOUND | THROUGH    |            |
|--|-------------|---------|----------|------------|------------|
|  |             |         |          | NORTHBOUND | SOUTHBOUND |
| TOTAL-----                             | 682,115     | 1,579   | 6,270    | 1,184      | 6,719      |
| 0911 FRESH FISH, EXCEPT SHELLFISH----- | 7,056       | 1,015   | -----    | 1,114      | 5,727      |
| 0912 SHELLFISH, EXCEPT PREPARED-----   | 371         | 208     | 25       | 70         | 68         |
| 2095 ICE-----                          | 11,024      | 156     | 6,195    | -----      | 4,719      |
| 2918 DISTILLATE FUEL OIL-----          | 10,235      | -----   | -----    | -----      | 10,235     |
| 2915 RESIDUAL FUEL OIL-----            | 638,300     | -----   | -----    | -----      | 638,300    |
| 3411 FABRICATED METAL PRODUCTS-----    | 100         | -----   | -----    | -----      | 50         |
| 3511 MACHINERY, EXCEPT ELECTRICAL----- | 1,750       | 200     | 50       | -----      | 600        |
| 4011 IRON AND STEEL SCRAP-----         | 12,079      | -----   | -----    | -----      | 12,079     |
| TON-MILES, INTERNAL, -----             | 19,922,441. |         |          |            |            |

TONS, ALL TRAFFIC, -----  
TON-MILES, ALL TRAFFIC, -----

### TAMPA HARBOR, FLA.

SECTION INCLUDED: GULF OF MEXICO TO AND INCLUDING THE CHANNELS OF UPPER TAMPA HARBOR, 49.6 MILES; CHANNEL TO PORT TAMPA AND THENCE TO COURTYNE CAMPBELL PARKWAY, 17.5 MILES; A NATURAL CHANNEL LEADING FROM PORT TAMPA CHANNEL TOWARD ST. PETERSBURG, 1.8 MILES; ALAFIA RIVER CHANNEL, 3.6 MILES; MILLSBOROUGH RIVER TO CITY WATERWORKS DAY, 10 MILES; AND CHANNELS IN "LITTLE MANATEE RIVER, FLA." PROJECT, CONTROLLING DEPTH: 45.0 FEET IN EGMENT BAR CHANNELS, 43.0 FEET IN TAMPA BAY CHANNELS, 33.0 FEET IN MILLSBOROUGH BAY CHANNELS, AND THE UPPER HARBOR CHANNELS 24.0 FEET; 34.0 FEET IN PORT TAMPA CHANNEL; 28.0 FEET IN ALAFIA RIVER CHANNEL; 10.0 FEET IN MILLSBOROUGH RIVER TO LAFAYETTE STREET BRIDGE, AND THENCE 6 FEET TO A POINT 2,000 FEET ABOVE COLUMBUS DRIVE BRIDGE, PROJECT DEPTH: 45 FEET IN EGMENT BAR CHANNELS, 15.2 MILES IN CUTS 1 AND 2; THENCE 43 FEET IN MULLET KEY CUT, TAMPA BAY, MILLSBOROUGH BAY (CUT-C), PORT SUTTON ENTRANCE CHANNEL AND TURNING BASIN AND EAST BAY CHANNEL AND TURNING BASIN HAVE BEEN CONSTRUCTED; ABOUT 33.3 MILES; 34 FEET IN LOWER AND UPPER SPARKMAN, YARD, PORT TAMPA CHANNELS AND EAST BAY EXTENSION; ABOUT 13.3 MILES; 30 FEET IN ALAFIA RIVER CHANNEL AND TURNING BASIN (SEDDON AND GARRISON CHANNELS ARE INACTIVE); ABOUT 3.9 MILES; 12 FEET IN MILLSBOROUGH RIVER WITHIN 100 FEET OF LAFAYETTE STREET BRIDGE, 0.5 MILES; THENCE 9 FEET TO A POINT 2,000 FEET ABOVE THE COLUMBUS DRIVE BRIDGE, 2.4 MILES AND THENCE REMOVAL OF OBSTRUCTIONS TO CITY WATERWORKS DAY, 7.2 MILES.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS,<br>COMMERCIAL | *ADDITIONAL<br>THROUGH<br>TRAFFIC | YEAR      | TONS       | PASSENGERS,<br>COMMERCIAL | *ADDITIONAL<br>THROUGH<br>TRAFFIC |
|-----------|------------|---------------------------|-----------------------------------|-----------|------------|---------------------------|-----------------------------------|
| 1978----- | 87,077,047 | 7,339                     | 3,136,560                         | 1983----- | 41,434,462 | 3,526                     | 2,962,565                         |
| 1979----- | 47,884,590 | 3,962                     | 2,623,275                         | 1984----- | 46,517,226 | 302                       | 2,182,243                         |
| 1980----- | 48,625,160 | -----                     | 4,252,834                         | 1985----- | 46,904,727 | 96,000                    | 4,016,327                         |
| 1981----- | 44,978,668 | 2,000                     | 4,156,283                         | 1986----- | 39,909,011 | 110,047                   | 4,612,776                         |
| 1982----- | 36,079,656 | -----                     | 2,562,096                         | 1987----- | 44,303,389 | 104,880                   | 3,183,716                         |

\*EFFECTIVE WITH 1973 INCLUDES SEAGOING TRAFFIC TO AND FROM PORT MANATEE, FLA.; ST. PETERSBURG, FLA.; AND NEEDON ISLAND, FLA.  
PRIOR TO 1973 THROUGH TRAFFIC CONSISTED OF SEAGOING TRAFFIC TO AND FROM NEEDON ISLAND.

## JACKSONVILLE, FL, DISTRICT

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TAMPA HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                    | TOTAL      | FOREIGN   |            | DOMESTIC   |           |          |           | LOCAL  |  |
|--|------------|-----------|------------|------------|-----------|----------|-----------|--------|--|
|  |            | IMPORTS   | EXPORTS    | COASTWISE  |           | INTERNAL |           |        |  |
|  |            |           |            | RECEIPTS   | SHIPMENTS | RECEIPTS | SHIPMENTS |        |  |
| TOTAL  | 44,303,389 | 5,383,008 | 13,700,404 | 17,644,796 | 7,598,772 | 2,618    | 17,730    | 76,061 |  |
| 0103 CORN-----                               | 100        | -----     | 100        | -----      | -----     | -----    | -----     | -----  |  |
| 0104 OATS-----                               | 11,093     | 11,093    | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 0105 RICE-----                               | 241        | -----     | 241        | -----      | -----     | -----    | -----     | -----  |  |
| 0107 WHEAT-----                              | 130,741    | -----     | -----      | 130,741    | -----     | -----    | -----     | -----  |  |
| 0119 OILSEEDS, NEC-----                      | 168        | 168       | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 0121 TOBACCO, LEAF-----                      | 431        | 221       | 210        | -----      | -----     | -----    | -----     | -----  |  |
| 0129 FIELD CROPS, NEC-----                   | 3          | -----     | 3          | -----      | -----     | -----    | -----     | -----  |  |
| 0131 FRESH FRUITS-----                       | 71,781     | 4,078     | 67,703     | -----      | -----     | -----    | -----     | -----  |  |
| 0132 BANANAS AND PLANTAINS-----              | 272,113    | 272,113   | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 0133 COFFEE-----                             | 2,356      | 2,356     | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 0134 COCOA BEANS-----                        | 26         | 26        | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 0141 FRESH AND FROZEN VEGETABLES-----        | 1,040      | 713       | 327        | -----      | -----     | -----    | -----     | -----  |  |
| 0151 LIVE ANIMALS-----                       | 1,775      | -----     | 1,775      | -----      | -----     | -----    | -----     | -----  |  |
| 0161 ANIMALS AND PRODUCTS, NEC-----          | 9,384      | 43        | 9,341      | -----      | -----     | -----    | -----     | -----  |  |
| 0191 MISCELLANEOUS FARM PRODUCTS-----        | 227        | 20        | 207        | -----      | -----     | -----    | -----     | -----  |  |
| 0841 CRUDE RUBBER AND ALLIED GUINS-----      | 2          | -----     | 2          | -----      | -----     | -----    | -----     | -----  |  |
| 0861 FOREST PRODUCTS, NEC-----               | 6          | -----     | 6          | -----      | -----     | -----    | -----     | -----  |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 121        | 112       | 9          | -----      | -----     | -----    | -----     | -----  |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 6,890      | 5,919     | 3          | -----      | -----     | 968      | -----     | -----  |  |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 33,241     | 33,241    | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 316        | -----     | 316        | -----      | -----     | -----    | -----     | -----  |  |
| 1121 COAL AND LIGKITE-----                   | 4,783,987  | 81,211    | 36         | 4,702,740  | -----     | -----    | -----     | -----  |  |
| 1311 CRUDE PETROLEUM-----                    | 59,357     | 59,357    | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 1411 LIMESTONE-----                          | 1,600      | -----     | -----      | -----      | -----     | -----    | -----     | 1,600  |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----         | 515,683    | 456,650   | 8,913      | 5,359      | -----     | -----    | 1,100     | 43,661 |  |
| 1451 CLAY-----                               | 12,222     | 11,290    | 932        | -----      | -----     | -----    | -----     | -----  |  |
| 1471 PHOSPHATE ROCK-----                     | 13,939,103 | -----     | 7,574,552  | -----      | 6,368,551 | -----    | -----     | -----  |  |
| 1479 NATURAL FERTILIZER MATS, NEC-----       | 15,906     | 15,906    | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 1492 SULPHUR, DRY-----                       | 27         | -----     | 27         | -----      | -----     | -----    | -----     | -----  |  |
| 1493 SULPHUR, LIQUID-----                    | 3,370,284  | -----     | -----      | 3,370,284  | -----     | -----    | -----     | -----  |  |
| 1494 GYPSUM, CRUDE AND PLASTERS-----         | 729,026    | 729,026   | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 1499 NONMETALLIC MINERALS, NEC-----          | 410        | 41        | 369        | -----      | -----     | -----    | -----     | -----  |  |
| 1911 ORDNANCE AND ACCESSORIES-----           | 5          | 2         | 3          | -----      | -----     | -----    | -----     | -----  |  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----       | 91,759     | 1,075     | 90,684     | -----      | -----     | -----    | -----     | -----  |  |
| 2012 MEAT AND PRODUCTS, NEC-----             | 120        | 120       | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 22,650     | -----     | 22,650     | -----      | -----     | -----    | -----     | -----  |  |
| 2015 ANIMAL BY-PRODUCTS, NEC-----            | 193        | -----     | 193        | -----      | -----     | -----    | -----     | -----  |  |
| 2022 DRIED MILK AND CREAM-----               | 43         | -----     | 43         | -----      | -----     | -----    | -----     | -----  |  |
| 2031 FISH AND SHELLFISH, PREPARED-----       | 12         | 11        | 1          | -----      | -----     | -----    | -----     | -----  |  |
| 2034 VEGETABLES AND PREP, NEC-----           | 2,002      | 1,794     | 208        | -----      | -----     | -----    | -----     | -----  |  |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----      | 148,137    | 144,395   | 3,742      | -----      | -----     | -----    | -----     | -----  |  |
| 2041 MEAT FLOUR AND SEMOLINA-----            | 36         | -----     | 36         | -----      | -----     | -----    | -----     | -----  |  |
| 2042 ANIMAL FEEDS-----                       | 626,788    | -----     | 593,754    | -----      | 33,034    | -----    | -----     | -----  |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----           | 5,852      | 65        | 5,787      | -----      | -----     | -----    | -----     | -----  |  |
| 2081 ALCOHOLIC BEVERAGES-----                | 1,566      | 1,128     | 440        | -----      | -----     | -----    | -----     | -----  |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----        | 152        | 23        | 129        | -----      | -----     | -----    | -----     | -----  |  |
| 2092 ANIMAL OILS AND FATS, NEC-----          | 18         | 18        | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 2095 ICE-----                                | 1,698      | 606       | -----      | -----      | -----     | -----    | 416       | 676    |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----        | 847        | 436       | 411        | -----      | -----     | -----    | -----     | -----  |  |
| 2111 TOBACCO MANUFACTURES-----               | 213        | 213       | -----      | -----      | -----     | -----    | -----     | -----  |  |
| 2211 BASIC TEXTILE PRODUCTS-----             | 1,183      | 152       | 1,031      | -----      | -----     | -----    | -----     | -----  |  |
| 2311 APPAREL-----                            | 2,027      | 776       | 1,251      | -----      | -----     | -----    | -----     | -----  |  |
| 2411 LOGS-----                               | 258        | 221       | 37         | -----      | -----     | -----    | -----     | -----  |  |
| 2413 FUEL WOOD, CHARCOAL, WASTES-----        | 163        | 92        | 71         | -----      | -----     | -----    | -----     | -----  |  |
| 2414 TIMBER, POSTS, POLES, PILINGS-----      | 1,082      | 323       | 359        | -----      | -----     | -----    | 400       | -----  |  |
| 2416 WOOD CHIPS, STAVES, HOLDINGS-----       | 1,311      | 762       | 549        | -----      | -----     | -----    | -----     | -----  |  |
| 2421 LUMBER-----                             | 85,526     | 83,400    | 2,126      | -----      | -----     | -----    | -----     | -----  |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----       | 7,214      | 6,705     | 509        | -----      | -----     | -----    | -----     | -----  |  |
| 2491 WOOD MANUFACTURES, NEC-----             | 3,433      | 577       | 2,856      | -----      | -----     | -----    | -----     | -----  |  |
| 2511 FURNITURE AND FIXTURES-----             | 516        | 283       | 233        | -----      | -----     | -----    | -----     | -----  |  |
| 2611 PULP-----                               | 358        | -----     | 358        | -----      | -----     | -----    | -----     | -----  |  |
| 2621 STANDARD NEWSPRINT PAPER-----           | 19,569     | 19,549    | 20         | -----      | -----     | -----    | -----     | -----  |  |
| 2631 PAPER AND PAPERBOARD-----               | 58,433     | 24,665    | 33,768     | -----      | -----     | -----    | -----     | -----  |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----       | 2,307      | -----     | 2,307      | -----      | -----     | -----    | -----     | -----  |  |
| 2711 PRINTED MATTER-----                     | 185        | 1         | 184        | -----      | -----     | -----    | -----     | -----  |  |
| 2810 SODIUM HYDROXIDE-----                   | 57,964     | -----     | 57,964     | -----      | -----     | -----    | -----     | -----  |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----       | 55         | 20        | 35         | -----      | -----     | -----    | -----     | -----  |  |
| 2812 DYES, PIGMENT, TANNING MATS-----        | 21         | -----     | 21         | -----      | -----     | -----    | -----     | -----  |  |
| 2813 ALCOMHOLS-----                          | 8,002      | 7,957     | 45         | -----      | -----     | -----    | -----     | -----  |  |
| 2819 BASIC CHEMICALS AND PROD, NEC-----      | 1,278,372  | 1,272,862 | 2,855      | 2,655      | -----     | -----    | -----     | -----  |  |
| 2821 PLASTIC MATERIALS-----                  | 1,679      | 318       | 1,361      | -----      | -----     | -----    | -----     | -----  |  |
| 2822 SYNTHETIC RUBBER-----                   | 22         | -----     | 22         | -----      | -----     | -----    | -----     | -----  |  |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----        | 30         | -----     | 30         | -----      | -----     | -----    | -----     | -----  |  |
| 2831 DRUGS-----                              | 94         | 1         | 93         | -----      | -----     | -----    | -----     | -----  |  |
| 2841 SOAP-----                               | 1,917      | 1,683     | 234        | -----      | -----     | -----    | -----     | -----  |  |
| 2851 PAINTS-----                             | 1,051      | 38        | 1,013      | -----      | -----     | -----    | -----     | -----  |  |
| 2861 GUM AND WOOD CHEMICALS-----             | 26         | -----     | 26         | -----      | -----     | -----    | -----     | -----  |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----       | 89,724     | 35,762    | 148        | 53,814     | -----     | -----    | -----     | -----  |  |
| 2872 POTASSIC CHEM FERTILIZERS-----          | 308,344    | 137,103   | 40,222     | 131,019    | -----     | -----    | -----     | -----  |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----        | 1,246,465  | -----     | 1,066,652  | -----      | 179,813   | -----    | -----     | -----  |  |
| 2876 INSECTICIDES, DISINFECTANTS-----        | 3,456      | -----     | 3,456      | -----      | -----     | -----    | -----     | -----  |  |
| 2879 FERTILIZER AND MATERIALS, NEC-----      | 4,987,867  | 17        | 3,989,197  | -----      | 998,653   | -----    | -----     | -----  |  |
| 2901 MISCELLANEOUS CHEMICAL PROD-----        | 30,725     | -----     | 30,725     | -----      | -----     | -----    | -----     | -----  |  |
| 2911 GASOLINE-----                           | 6,293,154  | 224,063   | -----      | 6,069,091  | -----     | -----    | -----     | -----  |  |
| 2912 JET FUEL-----                           | 732,447    | 24,642    | -----      | 707,805    | -----     | -----    | -----     | -----  |  |
| 2913 KEROSENE-----                           | 16,685     | -----     | -----      | 16,685     | -----     | -----    | -----     | -----  |  |
| 2914 DISTILLATE FUEL OIL-----                | 1,471,273  | 186       | 167        | 1,070,920  | -----     | -----    | -----     | -----  |  |
| 2915 RESIDUAL FUEL OIL-----                  | 366,386    | 208,323   | 7,078      | 146,361    | 6,624     | -----    | -----     | -----  |  |
| 2916 LUBRICATING OILS AND GREASES-----       | 2,284      | 13        | 945        | 1,326      | -----     | -----    | -----     | -----  |  |
| 2917 ASPHALT, TAR, AND PITCHES-----          | 7          | -----     | 7          | -----      | -----     | -----    | -----     | -----  |  |
| 2918 ASPHALT, TAR, AND PITCHES-----          | 396,645    | 61,532    | 41         | 335,272    | -----     | -----    | -----     | -----  |  |
| 2921 LIQUEFIED GASES-----                    | 179,689    | -----     | 168,742    | 14,987     | -----     | -----    | -----     | -----  |  |

## Waterborne Commerce of the United States, 1987

TAMPA HARBOR, FLA.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN   |         | DOMESTIC  |           |          |           | LOCAL  |  |
|---|-----------|-----------|---------|-----------|-----------|----------|-----------|--------|--|
|   |           | IMPORTS   | EXPORTS | COASTWISE |           | INTERNAL |           |        |  |
|   |           |           |         | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |        |  |
| 2951 ASPHALT BUILDING MATERIALS-----    | 82        | -----     | 82      | -----     | -----     | -----    | -----     | -----  |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 650       | 256       | 396     | -----     | -----     | -----    | -----     | -----  |  |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 525       | 11        | 514     | -----     | -----     | -----    | -----     | -----  |  |
| 3211 GLASS AND GLASS PRODUCTS-----      | 2,655     | 2,774     | 61      | -----     | -----     | -----    | -----     | -----  |  |
| 3241 BUILDING CEMENT-----               | 1,193,974 | 1,134,107 | 59,367  | -----     | -----     | -----    | -----     | -----  |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 1,402     | 1,389     | 13      | -----     | -----     | -----    | -----     | -----  |  |
| 3271 LIME-----                          | 38        | -----     | 38      | -----     | -----     | -----    | -----     | -----  |  |
| 3281 CUT STONE AND STONE PRODUCTS-----  | 291       | 290       | 1       | -----     | -----     | -----    | -----     | -----  |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 2,287     | 219       | 1,093   | -----     | -----     | 975      | -----     | -----  |  |
| 3312 SLAG-----                          | 8,851     | -----     | -----   | 8,851     | -----     | -----    | -----     | -----  |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 2,936     | -----     | 2,936   | -----     | -----     | -----    | -----     | -----  |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 183,475   | 181,614   | 1,861   | -----     | -----     | -----    | -----     | -----  |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 3,259     | 3,138     | 121     | -----     | -----     | -----    | -----     | -----  |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 63,619    | 63,225    | 394     | -----     | -----     | -----    | -----     | -----  |  |
| 3318 FERROALLOYS-----                   | 5,199     | 2,756     | 2,483   | -----     | -----     | -----    | -----     | -----  |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 102       | 55        | 47      | -----     | -----     | -----    | -----     | -----  |  |
| 3321 NONFERROUS METALS, NEC-----        | 100       | -----     | 100     | -----     | -----     | -----    | -----     | -----  |  |
| 3322 COPPER ALLOYS, UNWORKED-----       | 539       | 35        | 504     | -----     | -----     | -----    | -----     | -----  |  |
| 3323 LEAD AND ZINC, UNWORKED-----       | 1,021     | 1,005     | 16      | -----     | -----     | -----    | -----     | -----  |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 9,868     | 9,821     | 47      | -----     | -----     | -----    | -----     | -----  |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 48,644    | 24,048    | 2,642   | -----     | -----     | 50       | 560       | 21,364 |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 25,745    | 9,271     | 3,348   | 800       | 1,150     | 1,600    | 2,200     | 7,380  |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 1,373     | 640       | 733     | -----     | -----     | -----    | -----     | -----  |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 3,712     | 2,335     | 1,377   | -----     | -----     | -----    | -----     | -----  |  |
| 3721 AIRCRAFT AND PARTS-----            | 1         | -----     | 1       | -----     | -----     | -----    | -----     | -----  |  |
| 3731 SHIPS AND BOATS-----               | 601       | 30        | 571     | -----     | -----     | -----    | -----     | -----  |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 414       | -----     | 414     | -----     | -----     | -----    | -----     | -----  |  |
| 3811 INSTN, TIME, PHOTO, OPT GOODS----- | 86        | 20        | 66      | -----     | -----     | -----    | -----     | -----  |  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 538       | 36        | 502     | -----     | -----     | -----    | -----     | -----  |  |
| 4011 IRON AND STEEL SCRAP-----          | 190,058   | -----     | 177,979 | -----     | -----     | -----    | 12,079    | -----  |  |
| 4012 NONFERROUS METAL SCRAP-----        | 273       | 156       | 117     | -----     | -----     | -----    | -----     | -----  |  |
| 4022 TEXTILE WASTE, SCRAP, SHEEP-----   | 58        | -----     | 58      | -----     | -----     | -----    | -----     | -----  |  |
| 4024 PAPER WASTE AND SCRAP-----         | 7,358     | -----     | 7,358   | -----     | -----     | -----    | -----     | -----  |  |
| 4029 WASTE AND SCRAP, NEC-----          | 1,400     | -----     | -----   | -----     | -----     | -----    | 1,400     | -----  |  |
| 4112 COMMODITIES, NEC-----              | 1,618     | 603       | 1,215   | -----     | -----     | -----    | -----     | -----  |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 35        | -----     | 35      | -----     | -----     | -----    | -----     | -----  |  |
| TOTAL TON-MILES, 1,778,566,361.         |           |           |         |           |           |          |           |        |  |

## SAN JUAN HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR, CONTROLLING DEPTHS: 43.0 FEET IN ENTRANCE CHANNEL TO BEND, THENCE 36.0 FEET TO MANEUVERING AREA; 36.0 FEET IN ARMY TERMINAL CHANNEL AND TURNING BASIN, AND PROJECT DEPTHS IN ALL OF THE MANEUVERING AND ANCHORAGE AREAS AND OTHER CHANNEL. APPROXIMATE LENGTHS: ENTRANCE CHANNEL TO BEND, 0.8 MILE; THENCE 1.7 MILE TO INNER HARBOR; SAN ANTONIO APPROACH CHANNEL, 0.7 MILE; SAN ANTONIO CHANNEL, 0.8 MILES; GRAVING DOCK CHANNEL, 1.0 MILE; GRAVING DOCK TURNING BASIN, 0.6 MILE; ARMY TERMINAL CHANNEL, 1.1 MILE; ARMY TERMINAL TURNING BASIN, 0.37 ; MILES PUERTO NUEVO CHANNEL, 1.6 MILES; PUERTO NUEVO BASIN, 0.2 MILE. CONSTRUCTED PROJECT DEPTHS: 45 FEET IN BAR CUT CHANNEL, THENCE 42 TO 36 FEET IN ANEGADO CHANNEL AND INCLUDING DEEP DRAFT ANCHORAGE E; ARMY TERMINAL AND TURNING BASIN; 35 FEET SAN ANTONIO APPROACH CHANNEL AND SAN ANTONIO CHANNEL WEST SECTION; 32 FEET PUERTO NUEVO CHANNEL AND BASIN, 30 FEET IN ANCHORAGE AREA F; CRUISE SHIP BASINS EAST/WEST, SAN ANTONIO CHANNEL EAST SECTION AND INCLUDING GRAVING DOCK CHANNEL AND TURNING BASIN.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS FROM AND TO PORTS OUTSIDE OF PUERTO RICO | YEAR      | TONS       | PASSENGERS FROM AND TO PORTS OUTSIDE OF PUERTO RICO |
|-----------|------------|---|-----------|------------|---|
| 1978----- | 10,147,787 | 171,830   | 1983----- | 10,744,670 | -----   |
| 1979----- | 10,122,080 | -----   | 1984----- | 10,935,222 | -----   |
| 1980----- | 10,087,394 | -----   | 1985----- | 11,642,458 | -----   |
| 1981----- | 9,752,260  | -----   | 1986----- | 12,361,263 | -----   |
| 1982----- | 10,049,195 | -----   | 1987----- | 13,452,264 | -----   |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                       | TOTAL      | FOREIGN   |                 | DOMESTIC  |           |           |           | INTRATERRITORY |  |
|---------------------------------|------------|-----------|-----------------|-----------|-----------|-----------|-----------|----------------|--|
|                                 |            | IMPORTS   | EXPORTS         | COASTWISE |           | INTERNAL  |           |                |  |
|                                 |            |           |                 | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |                |  |
| TOTAL-----                      | 13,452,284 | 4,514,129 | 748,002         | 6,747,936 | 1,117,470 | 2,053,857 | 270,890   |                |  |
| 0101 COTTON, RAW-----           | 453        | 18        | -----           | 458       | 7         | -----     | -----     | -----          |  |
| 0102 BARLEY AND RYE-----        | 659        | -----     | 659             | -----     | -----     | -----     | -----     | -----          |  |
| 0103 CORN-----                  | 163,290    | 29,766    | 10 <sup>b</sup> | 133,346   | 20        | -----     | -----     | -----          |  |
| 0104 OATS-----                  | 4,392      | -----     | -----           | 3,526     | -----     | -----     | -----     | -----          |  |
| 0105 RICE-----                  | 39,907     | 996       | 3,4             | 35,399    | 70        | -----     | -----     | -----          |  |
| 0106 BORGHUM GRAINS-----        | 4,198      | -----     | 3               | 4,178     | 17        | -----     | -----     | -----          |  |
| 0107 MEAT-----                  | 70,688     | -----     | 76              | 70,612    | -----     | -----     | -----     | -----          |  |
| 0111 SOYBEANS-----              | 3,576      | -----     | 620             | 2,956     | -----     | -----     | -----     | -----          |  |
| 0119 OILSEEDS, NEC-----         | 1,229      | 273       | 937             | 56        | 5         | -----     | -----     | -----          |  |
| 0121 TOBACCO, LEAF-----         | 5,662      | 2,902     | 1,430           | 719       | 611       | -----     | -----     | -----          |  |
| 0122 HAY AND FORAGE-----        | 105        | -----     | -----           | 105       | -----     | -----     | -----     | -----          |  |
| 0129 FIELD CROPS, NEC-----      | 10,750     | 23        | 152             | 9,742     | 837       | -----     | -----     | -----          |  |
| 0131 FRESH FRUITS-----          | 18,364     | 4,703     | 3,461           | 6,100     | 4,098     | -----     | 2         | -----          |  |
| 0132 BANANAS AND PLANTAINS----- | 473        | 813       | 160             | -----     | -----     | -----     | -----     | -----          |  |
| 0133 COFFEE-----                | 15,257     | 7,136     | 91              | 17        | 5,991     | -----     | 2         | -----          |  |

## JACKSONVILLE, FL, DISTRICT

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SAN JUAN HARBOR, P. R.--CONTINUED

FREIGHT TRAFFIC, 1967--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL     | FOREIGN   |         | DOMESTIC  |           |                |           |
|--|-----------|-----------|---------|-----------|-----------|----------------|-----------|
|  |           | IMPORTS   | EXPORTS | COASTWISE |           | INTRATERRITORY |           |
|  |           |           |         | RECEIPTS  | SHIPMENTS | RECEIPTS       | SHIPMENTS |
| 3138 COCOA BEANS-----                    | 21,458    | 17,544    | 92      | 3,822     |           |                |           |
| 0161 FRESH AND FROZEN VEGETABLES-----    | 183,037   | 37,660    | 9,182   | 113,773   | 22,422    |                |           |
| 2151 LIVE ANIMALS-----                   | 2,160     |           | 316     | 1,840     | 4         |                |           |
| 0161 ANIMALS AND PRODUCTS, NEC-----      | 10,715    | 63        | 128     | 10,478    | 45        |                | 1         |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 14,881    | 124       | 251     | 12,979    | 1,516     |                | 11        |
| 0861 CRUDE RUBBER AND ALLIED GUMS-----   | 1,353     | 99        | 183     | 1,071     |           |                |           |
| 0861 FOREST PRODUCTS, NEC-----           | 4,391     | 2,919     | 155     | 561       | 706       |                |           |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 47,317    | 14,685    | 1,349   | 6,863     | 24,420    |                |           |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 430       | 180       | 53      | 69        | 128       |                |           |
| 1011 IRON ORE AND CONCENTRATES-----      | 602       | 566       |         | 16        |           |                |           |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 4,219     | 4,219     |         |           |           |                |           |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 54        |           |         | 54        |           |                |           |
| 1121 COAL AND LIMESTONE-----             | 112,394   | 112,011   | 22      | 361       |           |                |           |
| 1311 CRUDE PETROLEUM-----                | 1,883,961 | 1,635,901 |         | 241,720   |           | 6,380          |           |
| 1411 LIMESTONE-----                      | 2,723     |           |         | 2,723     |           |                |           |
| 1412 BUILDING STONE, UNWORNED-----       | 1,067     |           | 270     | 795       | 2         |                |           |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 44,591    | 13,695    | 22,003  | 6,390     |           |                | 2,503     |
| 1451 CLAY-----                           | 5,736     | 221       | 833     | 4,479     | 203       |                |           |
| 1471 PHOSPHATE ROCK-----                 | 457       |           | 457     |           |           |                |           |
| 1492 SULPHUR, DRY-----                   | 132       |           | 132     |           |           |                |           |
| 1494 CYPBUM, CRUDE AND PLASTERS-----     | 27,566    | 25,647    | 24      | 1,895     |           |                |           |
| 1499 NONMETALLIC MINERALS, NEC-----      | 39,531    | 16,519    | 2,760   | 19,024    | 1,228     |                |           |
| 1911 ORDNANCE AND ACCESSORIES-----       | 751       | 42        | 6       | 8         | 695       |                |           |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----   | 201,407   | 14,598    | 15,778  | 164,607   | 6,419     |                | 5         |
| 2012 MEAT AND PRODUCTS, NEC-----         | 59,039    | 15,579    | 2,398   | 40,027    | 1,032     |                | 3         |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 10,367    |           | 243     | 10,124    |           |                |           |
| 2015 ANIMAL BY-PRODUCTS, NEC-----        | 2,732     | 151       | 151     | 432       | 1,998     |                |           |
| 2021 DAIRY PRODUCTS, NEC-----            | 35,453    | 1,880     | 1,243   | 31,467    | 863       |                |           |
| 2022 DRIED MILK AND CREAM-----           | 57,057    | 23,965    | 5,963   | 26,095    | 1,034     |                |           |
| 2031 FISH AND SHELLFISH, PREPARED-----   | 120,219   | 7,217     | 4,528   | 1,570     | 106,898   |                | 6         |
| 2034 VEGETABLES AND PREP, NEC-----       | 64,443    | 33,935    | 6,786   | 37,289    | 6,433     |                |           |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----  | 65,831    | 19,755    | 4,312   | 31,140    | 10,546    |                | 78        |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 21,728    |           | 6,628   | 13,095    | 5         |                |           |
| 2042 ANIMAL FEEDS-----                   | 135,836   | 80,662    | 20,420  | 29,398    | 5,230     | 8              | 122       |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 88,730    | 22,561    | 11,594  | 58,497    | 65        |                | 13        |
| 2061 SUGAR-----                          | 35,273    | 7,373     | 1,524   | 26,353    | 23        |                |           |
| 2062 MOLASSES-----                       | 166,568   | 176,153   | 2,996   | 2,669     |           |                | 4,750     |
| 2081 ALCOHOLIC BEVERAGES-----            | 143,666   | 40,639    | 5,018   | 75,622    | 18,347    |                | 20        |
| 2091 VEGETABLE OILS, WAX, SHORT-----     | 30,427    | 2,272     | 2,493   | 25,217    | 438       |                | 7         |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 106       | 92        |         | 54        |           |                |           |
| 2098 GROCERIES-----                      | 12,912    |           |         | 11,611    | 951       |                | 350       |
| 2095 ICE-----                            | 4,424     | 4,424     |         |           |           |                |           |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 1,033,493 | 21,801    | 15,499  | 756,343   | 238,749   | 10             | 1,091     |
| 2111 TOBACCO MANUFACTURES-----           | 18,500    | 460       | 475     | 11,322    | 6,243     |                |           |
| 2211 BASIC TEXTILE PRODUCTS-----         | 55,250    | 12,515    | 10,496  | 30,721    | 1,513     |                | 7         |
| 2212 TEXTILE FIBERS, NEC-----            | 4,163     | 75        | 22      | 4,066     |           |                |           |
| 2311 APPAREL-----                        | 195,750   | 6,587     | 2,981   | 140,304   | 41,826    |                | 52        |
| 2411 LOGS-----                           | 2,098     |           | 280     | 1,818     |           |                |           |
| 2413 FUEL WOOD, CHARCOAL, WASTES-----    | 8,516     | 6,821     | 339     | 1,356     |           |                |           |
| 2414 TIMBER, POSTS, POLES, PILING-----   | 16,178    | 157       | 166     | 15,857    |           |                |           |
| 2415 PULPWOOD, LOG-----                  | 350       |           |         | 175       | 175       |                |           |
| 2421 LUMBER-----                         | 153,612   | 89,018    | 8,368   | 55,566    | 656       |                | 2         |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 76,243    | 43,226    | 6,719   | 28,289    |           |                | 7         |
| 2491 WOOD MANUFACTURES, NEC-----         | 72,292    | 22,891    | 2,680   | 42,149    | 4,571     |                | 1         |
| 2511 FURNITURE AND FIXTURES-----         | 61,444    | 12,242    | 2,777   | 44,589    | 1,808     | 4              | 24        |
| 2611 PULP-----                           | 2,044     | 23        | 1,421   | 538       | 62        |                |           |
| 2621 STANDARD VENSPRINT PAPER-----       | 76,424    | 75,368    | 181     | 875       |           |                |           |
| 2631 PAPER AND PAPERBOARD-----           | 163,795   | 36,565    | 52,945  | 70,428    | 3,857     |                |           |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 192,692   | 10,729    | 8,626   | 168,479   | 4,725     | 1              | 83        |
| 2711 PRINTED MATTER-----                 | 13,767    | 2,462     | 688     | 10,299    | 318       |                |           |
| 2810 SODIUM HYDROXIDE-----               | 814       |           |         | 814       |           |                |           |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 965       | 744       | 38      | 163       | 20        |                |           |
| 2812 DYES, PIGMENT, TANNING MATS-----    | 472       |           | 303     | 110       | 59        |                |           |
| 2813 ALCOHOLS-----                       | 10,662    | 110       | 406     | 9,919     | 226       |                |           |
| 2816 RADIOACTIVE MATERIALS, WASTES-----  | 353       |           | 30      |           | 323       |                |           |
| 2817 BENZENE AND TOLUENE-----            | 4,129     |           | 59      | 1,196     |           | 3,874          |           |
| 2818 SULPHURIC ACID-----                 | 1,557     |           |         | 1,564     |           |                | 3         |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 219,871   | 9,313     | 6,656   | 155,788   | 47,110    |                | 4         |
| 2821 PLASTIC MATERIALS-----              | 104,102   | 9,550     | 16,653  | 77,496    | 402       |                | 1         |
| 2822 SYNTHETIC RUBBER-----               | 1,122     | 40        | 465     | 571       | 46        |                |           |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----    | 4,600     |           | 21      | 4,534     | 45        |                |           |
| 2831 DRUGS-----                          | 34,453    | 1,241     | 1,197   | 9,205     | 22,778    | 1              | 31        |
| 2841 SOAP-----                           | 114,839   | 6,048     | 3,408   | 84,957    | 20,251    | 7              | 168       |
| 2851 PAINTS-----                         | 17,428    | 2,742     | 1,229   | 12,059    | 1,417     |                | 1         |
| 2861 GUM AND ADOD CHEMICALS-----         | 1,871     |           |         | 1,704     | 167       |                |           |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 30,409    | 3,340     | 413     | 21,035    | 21        |                | 6,000     |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 7,151     | 5,559     | 48      | 1,574     |           |                |           |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 951       |           |         | 951       |           |                |           |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 6,994     | 97        | 264     | 3,009     | 3,624     |                |           |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 2,256     | 110       | 533     | 1,606     | 22        |                | 15        |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 27,325    | 8,837     | 0,361   | 8,302     | 5,824     |                | 1         |
| 2911 GASOLINE-----                       | 1,014,155 | 493,565   | 110     | 145,821   |           | 369,009        | 6,050     |
| 2912 JET FUEL-----                       | 593,767   | 230,998   |         |           |           | 362,769        |           |
| 2913 KEROSENE-----                       | 10,587    | 706       | 34      | 229       |           | 9,378          |           |
| 2914 DISTILLATE FUEL OIL-----            | 602,604   | 76,196    | 60,182  | 638       | 45,636    | 223,063        | 196,893   |
| 2915 RESIDUAL FUEL OIL-----              | 1,400,466 | 62,617    | 161,845 | 43,993    |           | 1,078,851      | 33,160    |
| 2916 LUBRICATING OILS AND GREASES-----   | 54,538    | 148       | 10,882  | 42,793    | 715       |                |           |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 46,073    | 33,343    | 79      | 5,169     | 33        |                | 10,249    |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 39,276    | 37,806    | 929     | 822       | 97        |                | 22        |
| 2920 COKE, PETROLEUM COKE-----           | 89        |           |         | 89        |           |                |           |
| 2921 LIQUEFIED GASES-----                | 30,166    | 20,075    | 194     | 9,897     |           |                |           |
| 2951 ASPHALT BUILDING MATERIALS-----     | 3,073     |           | 371     | 3,066     | 20        | 1              | 15        |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 14,544    | 158       | 214     | 17,821    | 371       |                |           |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 129,066   | 26,324    | 4,163   | 84,762    | 13,763    |                | 54        |

## Waterborne Commerce of the United States, 1987

SAN JUAN HARBOR, P. R.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED  
(SHORT TONS)

| COMMODITY                                | TOTAL   | FOREIGN |         | DOMESTIC  |           |                |           |
|--|---------|---------|---------|-----------|-----------|----------------|-----------|
|  |         | IMPORTS | EXPORTS | COASTWISE |           | INTRATERRITORY |           |
|  |         |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS       | SHIPMENTS |
| 3111 LEATHER AND LEATHER PRODUCTS-----   | 35,695  | 8,532   | 4,600   | 11,222    | 11,535    | 1              | 5         |
| 3211 GLASS AND GLASS PRODUCTS-----       | 41,331  | 11,913  | 8,426   | 18,882    | 2,507     | -----          | 3         |
| 3241 BUILDING CEMENT-----                | 109,892 | 105,559 | 1,375   | 2,949     | -----     | -----          | 9         |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 52,003  | 45,683  | 1,324   | 4,874     | 115       | -----          | 9         |
| 3271 LIME-----                           | 936     | 119     | 107     | 710       | -----     | -----          | -----     |
| 3281 CUT STONE AND SIMILAR PRODUCTS----- | 6,517   | 5,373   | 22      | 1,101     | 21        | -----          | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 54,433  | 10,300  | 9,618   | 23,820    | 2,039     | -----          | 8,656     |
| 3311 PIG IRON-----                       | 28      | 28      | -----   | -----     | -----     | -----          | -----     |
| 3312 SLAG-----                           | 57      | -----   | -----   | 31        | 26        | -----          | -----     |
| 3313 COKE, PET ASPHALTS, SOLVENTS-----   | 48      | -----   | -----   | 48        | -----     | -----          | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 21,004  | 10,517  | 17      | 10,870    | -----     | -----          | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 288,989 | 280,649 | 1,066   | 6,321     | 952       | -----          | 1         |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 11,156  | 966     | 3,250   | 6,901     | 39        | -----          | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 27,617  | 25,574  | 311     | 865       | 846       | -----          | 1         |
| 3318 FERROALLOYS-----                    | 17,118  | 6,875   | -----   | -----     | 12,243    | -----          | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 45,201  | 7,235   | 613     | 33,530    | 4,023     | -----          | -----     |
| 3321 NONFERROUS METALS, NEC-----         | 5,024   | 165     | 681     | 4,138     | 39        | -----          | 1         |
| 3322 COPPER ALLOYS, UNWORKED-----        | 3,058   | 959     | 575     | 1,520     | -----     | -----          | -----     |
| 3323 LEAD AND ZINC, UNWORKED-----        | 2,909   | 440     | 714     | 1,425     | 330       | -----          | -----     |
| 3328 ALUMINUM AND ALLOYS, UNWORKED-----  | 12,409  | 7,105   | 1,257   | 3,268     | 777       | 1              | 1         |
| 3611 FABRICATED METAL PRODUCTS-----      | 167,488 | 45,580  | 7,946   | 102,351   | 11,512    | 20             | 79        |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 120,100 | 15,096  | 8,259   | 87,761    | 8,880     | 3              | 101       |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 114,722 | 26,148  | 9,612   | 35,999    | 42,357    | 510            | 100       |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 207,097 | 104,121 | 9,879   | 81,219    | 11,832    | 3              | 43        |
| 3721 AIRCRAFT AND PARTS-----             | 5       | 3       | 2       | -----     | -----     | -----          | -----     |
| 3731 SHIPS AND BOATS-----                | 3,661   | 179     | 2,917   | 521       | 44        | -----          | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT-----  | 7,338   | 19      | 684     | 6,375     | 253       | -----          | 7         |
| 3811 INSTR, TIME, PHOTO, OPT GOODS-----  | 33,270  | 523     | 839     | 5,467     | 26,431    | 1              | 13        |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 257,682 | 13,993  | 3,195   | 148,771   | 91,695    | 3              | 25        |
| 4011 IRON AND STEEL SCRAP-----           | 57,098  | 194     | 56,468  | 279       | 153       | -----          | -----     |
| 4012 NONFERROUS METAL SCRAP-----         | 21,698  | 1,189   | 11,931  | 111       | 8,446     | -----          | 1         |
| 4022 TEXTILE WASTE, SCRAP, SNEEP-----    | 3,670   | 62      | 1,160   | 921       | 1,527     | -----          | -----     |
| 4024 PAPER WASTE AND SCRAP-----          | 41,793  | 22      | 41,589  | 79        | 103       | -----          | -----     |
| 4029 WASTE AND SCRAP, NEC-----           | 20,401  | -----   | -----   | 4,708     | 15,693    | -----          | -----     |
| 4112 COMMODITIES, NEC-----               | 931,083 | 6,863   | 27,537  | 728,283   | 168,367   | 3              | 30        |
| 4119 EMPTY CONTAINERS-----               | 1,993   | -----   | -----   | 1,916     | 77        | -----          | -----     |
| 9999 DEPARTMENT OF DEFENSE AND SCI-----  | 474     | -----   | 474     | -----     | -----     | -----          | -----     |

## PONCE HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR, CONTROLLING DEPTHS: 30 FEET IN THE CARIBBEAN SEA APPROACH CHANNEL TO SOUTHWEST END OF MUNICIPAL PIERS; 28 FEET IN THE INNER CHANNELS THROUGH EASTERN LIMIT. CONSTRUCTED PROJECT DEPTHS: 30 FEET IN THE CHANNELS AND AREA OF MUNICIPAL PIER. APPROXIMATE PROJECT LENGTH 3.3 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS    | PASSENGERS |
|-----------|-----------|------------|-----------|---------|------------|
| 1978----- | 911,374   | -----      | 1983----- | 576,734 | -----      |
| 1979----- | 479,548   | -----      | 1984----- | 858,716 | -----      |
| 1980----- | 1,145,325 | -----      | 1985----- | 634,614 | -----      |
| 1981----- | 554,651   | -----      | 1986----- | 632,726 | -----      |
| 1982----- | 726,162   | -----      | 1987----- | 671,234 | -----      |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                              | TOTAL   | FOREIGN |         | DOMESTIC  |           |                |           |
|--|---------|---------|---------|-----------|-----------|----------------|-----------|
|  |         | IMPORTS | EXPORTS | COASTWISE |           | INTRATERRITORY |           |
|  |         |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS       | SHIPMENTS |
| TOTAL-----                             | 671,234 | 472,042 | 116,195 | 46,675    | 29,982    | 6,380          | -----     |
| 0103 CORN-----                         | 13      | 11      | 2       | -----     | -----     | -----          | -----     |
| 0105 RICE-----                         | 90      | -----   | -----   | 90        | -----     | -----          | -----     |
| 0107 WHEAT-----                        | 3,858   | 3,058   | -----   | -----     | -----     | -----          | -----     |
| 0119 OILSEEDS, NEC-----                | 88      | 88      | -----   | -----     | -----     | -----          | -----     |
| 0121 TOBACCO, LEAF-----                | 75      | 4       | 71      | -----     | -----     | -----          | -----     |
| 0131 FRESH FRUITS-----                 | 3,788   | 785     | 2,982   | 21        | -----     | -----          | -----     |
| 0133 COFFEE-----                       | 37      | 37      | -----   | -----     | -----     | -----          | -----     |
| 0134 COCOA BEANS-----                  | 6,745   | 266     | 4,479   | -----     | -----     | -----          | -----     |
| 0141 FRESH AND FROZEN VEGETABLES-----  | 17,994  | 470     | 3,058   | 14,470    | -----     | -----          | -----     |
| 0161 ANIMALS AND PRODUCTS, NEC-----    | 1,638   | 1       | 1       | 1,632     | -----     | -----          | -----     |
| 0191 MISCELLANEOUS FARM PRODUCTS-----  | 146     | 1       | 145     | -----     | -----     | -----          | -----     |
| 0841 CRUDE RUBBER AND ALLIED SVGS----- | 18      | 18      | -----   | -----     | -----     | -----          | -----     |
| 0861 FOREST PRODUCTS, NEC-----         | 18      | 18      | -----   | -----     | -----     | -----          | -----     |
| 0911 FRESH FISH, EXCEPT SHELLFISH----- | 26,645  | 25,233  | -----   | 372       | 1,040     | -----          | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----   | 2       | 2       | -----   | -----     | -----     | -----          | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----  | 298     | 279     | 19      | -----     | -----     | -----          | -----     |
| 1061 MANGANESE ORES, CONCENTRATES----- | 336     | -----   | -----   | 336       | -----     | -----          | -----     |
| 1121 COAL AND LIGHTE-----              | 216,160 | 216,048 | -----   | 92        | -----     | -----          | -----     |
| 1311 CRUDE PETROLEUM-----              | 14,659  | 6,519   | -----   | -----     | -----     | 6,380          | -----     |
| 1411 LIMESTONE-----                    | 2       | 2       | -----   | -----     | -----     | -----          | -----     |
| 1412 BUILDING STONE, UNWORKED-----     | 43      | -----   | -----   | 43        | -----     | -----          | -----     |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----   | 617     | -----   | -----   | 617       | -----     | -----          | -----     |
| 1051 CLAY-----                         | 627     | -----   | -----   | 627       | -----     | -----          | -----     |
| 1071 PHOSPHATE ROCK-----               | 143     | 143     | -----   | -----     | -----     | -----          | -----     |

## JACKSONVILLE, FL, DISTRICT

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 PONCE HARBOR, P. R.--CONTINUED  
 FREIGHT TRAFFIC, 1967--CONTINUED

(SHORT TONS)

| COMMODITY                            | TOTAL  | FOREIGN  |          | DOMESTIC  |                |       |
|--------------------------------------|--------|----------|----------|-----------|----------------|-------|
|                                      |        | IMPORTS  | EXPORTS  | COASTWISE | INTRATERRITORY |       |
|                                      |        | RECEIPTS | RECEIPTS | SHIPMENTS |                |       |
| 1492 SULPHUR, DRY--                  | 1,229  | -----    | 1,229    | -----     | -----          | ----- |
| 1499 GYPSUM, CRUDE AND PLASTERS--    | 25,730 | 25,684   | -----    | 46        | -----          | ----- |
| 1699 NONMETALLIC MINERALS, VEC       | 358    | 42       | -----    | 316       | -----          | ----- |
| 1911 ORDNANCE AND ACCESSORIES--      | 11     | 11       | -----    | -----     | -----          | ----- |
| 2011 MEAT, FRESH, CHILLED, FROZEN--  | 11,994 | 11,378   | 28       | 580       | -----          | ----- |
| 2012 MEAT AND PRODUCTS, NEC--        | 10,023 | 8,300    | 1,702    | 21        | -----          | ----- |
| 2014 TALLOW, ANIMAL FATS AND OILS--  | 59     | -----    | 59       | -----     | -----          | ----- |
| 2015 ANIMAL BY-PRODUCTS, VEC--       | 173    | 60       | 113      | -----     | -----          | ----- |
| 211 DAIRY PRODUCTS, NEC--            | 1,616  | 1,252    | 10       | 354       | -----          | ----- |
| 2222 DRIED MILK AND CREAM--          | 706    | 573      | 133      | -----     | -----          | ----- |
| 2301 FISH AND SHELLFISH, PREPARED--  | 392    | 218      | 174      | -----     | -----          | ----- |
| 2034 VEGETABLES AND PREP, NEC--      | 1,388  | 1,113    | 174      | 101       | -----          | ----- |
| 2039 PREP FRUIT AND VEG JUICE, VEC-- | 6,529  | 1,987    | 8,478    | 68        | -----          | ----- |
| 2041 WHEAT FLOUR AND SEMOLINA--      | 384    | -----    | 384      | -----     | -----          | ----- |
| 2062 ANIMAL FEEDS--                  | 3,058  | 36       | 2,947    | 75        | -----          | ----- |
| 2049 GRAIN MILL PRODUCTS, NEC--      | 5,259  | 2,072    | 2,621    | 566       | -----          | ----- |
| 2061 SUGAR--                         | 578    | 578      | -----    | -----     | -----          | ----- |
| 2062 MOLASSES--                      | 18,420 | 16,636   | 1,768    | 20        | -----          | ----- |
| 2081 ALCOHOLIC BEVERAGES--           | 22,950 | 13,471   | 8,698    | 785       | -----          | ----- |
| 2091 VEGETABLE OILS, VARG, SHORT--   | 3,257  | 51       | 120      | 3,086     | -----          | ----- |
| 2092 ANIMAL OILS AND FATS, NEC--     | 6      | 6        | -----    | -----     | -----          | ----- |
| 2094 GROCERIES--                     | 264    | -----    | -----    | 264       | -----          | ----- |
| 2095 ICE--                           | 146    | 186      | -----    | -----     | -----          | ----- |
| 2099 MISCELLANEOUS FOOD PRODUCTS--   | 12,905 | 5,172    | 3,832    | 3,981     | -----          | ----- |
| 2111 TOBACCO MANUFACTURES--          | 82     | 47       | 35       | -----     | -----          | ----- |
| 2211 BASIC TEXTILE PRODUCTS--        | 1,789  | 56       | 638      | 1,095     | -----          | ----- |
| 2212 TEXTILE FIBERS, NEC--           | 399    | -----    | -----    | 399       | -----          | ----- |
| 2311 APPAREL--                       | 377    | 79       | 17       | 281       | -----          | ----- |
| 2413 FUEL WOOD, CHARCOAL, RASTES--   | 135    | 6        | -----    | 129       | -----          | ----- |
| 2414 TIMBER, POSTS, POLES, PILING--  | 518    | -----    | -----    | 518       | -----          | ----- |
| 2416 WOOD CHIPS, STAVES, HOLDINGS--  | 8,250  | 8,250    | -----    | -----     | -----          | ----- |
| 2421 LUMBER--                        | 5,400  | 7,872    | 507      | 21        | -----          | ----- |
| 2431 VENEER, PLYWOOD, WORKED WOOD--  | 291    | 106      | 183      | -----     | -----          | ----- |
| 2491 WOOD MANUFACTURES, NEC--        | 876    | 786      | 53       | 37        | -----          | ----- |
| 2511 FURNITURE AND FIXTURES--        | 693    | 486      | 73       | 134       | -----          | ----- |
| 2621 STANDARD NEWSPRINT F'PER--      | 296    | 296      | -----    | -----     | -----          | ----- |
| 2631 PAPER AND PAPERBOARD--          | 937    | 935      | 2        | -----     | -----          | ----- |
| 2691 PULP AND PAPER PRODUCTS, VEC--  | 2,696  | 1,009    | 576      | 1,111     | -----          | ----- |
| 2711 PRINTED MATTER--                | 87     | 59       | 28       | -----     | -----          | ----- |
| 2810 SODIUM HYDROXIDE--              | 23     | -----    | -----    | 23        | -----          | ----- |
| 2811 CRUDE TAR, VUL, GAS PRODUCTS--  | 1,611  | 1,611    | -----    | -----     | -----          | ----- |
| 2813 ALCOMOLIS--                     | 6,508  | 63       | 6,445    | -----     | -----          | ----- |
| 2816 RADIODATIVE MATERIALS, RASTES-- | 6      | -----    | 6        | -----     | -----          | ----- |
| 2817 BENZENE AND TOLUENE--           | 1,135  | -----    | 1,135    | -----     | -----          | ----- |
| 2819 BASIC CHEMICALS AND PROD, NEC-- | 11,570 | 4,205    | 6,964    | 401       | -----          | ----- |
| 2821 PLASTIC MATERIALS--             | 7,415  | 2,994    | 2,169    | 2,252     | -----          | ----- |
| 2831 DRUGS--                         | 5,174  | 2,183    | 900      | 91        | -----          | ----- |
| 2841 SOAP--                          | 5,999  | 901      | 8,202    | 896       | -----          | ----- |
| 2851 PAINTS--                        | 1,006  | 985      | 15       | 46        | -----          | ----- |
| 2872 POTASSIC CHEM FERTILIZERS--     | 334    | 334      | -----    | -----     | -----          | ----- |
| 2873 PHOSPHATIC CHEM FERTILIZERS--   | 31     | -----    | -----    | 31        | -----          | ----- |
| 2876 INSECTICIDES, DISINFECTANTS--   | 17     | 17       | -----    | -----     | -----          | ----- |
| 2891 MISCELLANEOUS CHEMICAL PROD--   | 1,055  | 445      | 534      | 76        | -----          | ----- |
| 2911 GASOLINE--                      | 220    | -----    | 220      | -----     | -----          | ----- |
| 2914 DISTILLATE FUEL OIL--           | 30,437 | -----    | 1,495    | -----     | 28,942         | ----- |
| 2915 RESIDUAL FUEL OIL--             | 55,625 | 55,825   | -----    | -----     | -----          | ----- |
| 2916 LUBRICATIVE OILS AND GREASES--  | 2,840  | 2,284    | 156      | -----     | -----          | ----- |
| 2918 ASPHALT, TAR, AND PITCHES--     | 8,687  | 8,685    | 42       | -----     | -----          | ----- |
| 2921 LIQUEFIED GASES--               | 3,434  | 916      | 2,518    | -----     | -----          | ----- |
| 2951 ASPHALT BUILDING MATERIALS--    | 62     | -----    | -----    | 62        | -----          | ----- |
| 2991 PETROLEUM AND COAL PROD, NEC    | 86     | 3        | 7        | 76        | -----          | ----- |
| 3011 RUBBER AND MISC PLASTIC PROD--  | 4,320  | 2,463    | 1,551    | 306       | -----          | ----- |
| 3111 LEATHER AND LEATHER PRODUCTS--  | 148    | 24       | 124      | -----     | -----          | ----- |
| 3211 GLASS AND GLASS PRODUCTS--      | 15,946 | 5,069    | 10,808   | 67        | -----          | ----- |
| 3241 BUILDING CEMENT--               | 51     | 8        | -----    | 43        | -----          | ----- |
| 3251 STRUCTURAL CLAY PRODUCTS--      | 565    | 370      | 93       | 102       | -----          | ----- |
| 3281 CUT STONE AND STONE PRODUCTS--  | 27     | 27       | -----    | -----     | -----          | ----- |
| 3291 MISC NONMETALLIC MINERAL PROD-- | 293    | 127      | 78       | 88        | -----          | ----- |
| 3312 SLAG--                          | 136    | -----    | -----    | 136       | -----          | ----- |
| 3314 IRON AND STEEL PRIMARY FORMS--  | 122    | -----    | -----    | 122       | -----          | ----- |
| 3315 IRON, STEEL SHAPES, EXC SHEET-- | 1,176  | 973      | 36       | 167       | -----          | ----- |
| 3316 IRON AND STEEL PLATES, SHEETS   | 25     | -----    | -----    | 25        | -----          | ----- |
| 3317 IRON AND STEEL PIPE AND TUBE--  | 327    | 324      | 3        | -----     | -----          | ----- |
| 3319 IRON AND STEEL PRODUCTS, NEC--  | 3,784  | 3,230    | 18       | 536       | -----          | ----- |
| 3321 NOFERROUS METALS, NEC--         | 108    | 12       | 2        | 90        | -----          | ----- |
| 3322 COPPER ALLOYS, UNWORKED--       | 371    | 363      | 8        | -----     | -----          | ----- |
| 3328 ALUMINUM AND ALLOYS, UNADRKED   | 5,433  | 5,187    | 246      | -----     | -----          | ----- |
| 3411 FABRICATED METAL PRODUCTS--     | 5,918  | 3,091    | 2,307    | 3,520     | -----          | ----- |
| 3511 MACHINERY, EXCEPT ELECTRICAL--  | 5,205  | 1,636    | 3,460    | 109       | -----          | ----- |
| 3611 ELECTRICAL MACH AND EQUIP--     | 3,609  | 732      | 894      | 1,983     | -----          | ----- |
| 3711 MOTOR VEHICLES, PARTS, EQUIP--  | 541    | 179      | 342      | 20        | -----          | ----- |
| 3721 AIRCRAFT AND PARTS--            | 2      | -----    | 2        | -----     | -----          | ----- |
| 3731 SHIPS AND BOATS--               | 2      | 1        | 1        | -----     | -----          | ----- |
| 3791 MISC TRANSPORTATION EQUIPMENT-- | 5      | -----    | 5        | -----     | -----          | ----- |
| 3811 INSTN, TIME, PHOTO, OPT GOODS-- | 1,503  | 171      | 1,277    | 135       | -----          | ----- |
| 3911 MISC MANUFACTURED PRODUCTS--    | 1,572  | 455      | 118      | 999       | -----          | ----- |
| 4011 IRON AND STEEL SCRAP--          | 1,126  | 888      | 278      | -----     | -----          | ----- |
| 4012 NONFERROUS METAL SCRAP--        | 1,721  | 422      | 1,299    | -----     | -----          | ----- |
| 4022 TEXTILE WASTE, SCRAP, SHEEP--   | 29     | -----    | 16       | 15        | -----          | ----- |
| 4024 PAPER WASTE AND SCRAP--         | 12,751 | -----    | 12,751   | -----     | -----          | ----- |
| 4112 COMMODITIES, VEC--              | 10,557 | 401      | 12,383   | 1,773     | -----          | ----- |
| 4119 EMPTY CONTAINERS--              | 191    | -----    | -----    | 191       | -----          | ----- |

## Waterborne Commerce of the United States, 1987

## MAYAGUEZ HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR. CONTROLLING DEPTHS: 29 FEET IN THE APPROACH CHANNEL THROUGH TERMINAL CHANNEL, SHALING COMMENCES 300 FEET INSIDE CHANNEL AND CONTINUES TO A DEPTH OF 19 FEET AT EASTERLY LIMIT. PROJECT DEPTHS: 30 FEET IN THE APPROACH CHANNEL AND TERMINAL CHANNEL. LENGTH OF PROJECT IS ABOUT 0.65 MILE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | PASSENGERS | YEAR      | TONS    | PASSENGERS |
|-----------|---------|------------|-----------|---------|------------|
| 1978----- | 335,268 | -----      | 1983----- | 255,821 | -----      |
| 1979----- | 364,915 | -----      | 1984----- | 252,952 | -----      |
| 1980----- | 386,669 | -----      | 1985----- | 314,471 | -----      |
| 1981----- | 321,764 | -----      | 1986----- | 400,019 | -----      |
| 1982----- | 317,046 | -----      | 1987----- | 451,412 | -----      |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL   | FOREIGN |         | DOMESTIC  |           |                |           |
|---|---------|---------|---------|-----------|-----------|----------------|-----------|
|   |         | IMPORTS | EXPORTS | COASTWISE |           | INTRATERRITORY |           |
|   |         |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS       | SHIPMENTS |
| TOTAL-----                              | 451,412 | 300,859 | 13,128  | 88,537    | 14,960    | 33,086         | 1,040     |
| 0101 COTTON, RAW-----                   | 885     | -----   | 867     | 18        | -----     | -----          | -----     |
| 0103 CORN-----                          | 28,379  | -----   | -----   | 28,379    | -----     | -----          | -----     |
| 0105 RICE-----                          | 248     | -----   | -----   | 248       | -----     | -----          | -----     |
| 0121 TOBACCO, LEAF-----                 | 14      | -----   | 14      | -----     | -----     | -----          | -----     |
| 0131 FRESH FRUITS-----                  | 248     | 93      | 155     | -----     | -----     | -----          | -----     |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 10,031  | 2,993   | 20      | 7,018     | -----     | -----          | -----     |
| 0161 ANIMALS AND PRODUCTS, NEC-----     | 538     | -----   | 23      | 515       | -----     | -----          | -----     |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----  | 7       | -----   | 7       | -----     | -----     | -----          | -----     |
| 0861 FOREST PRODUCTS, NEC-----          | 65      | 65      | -----   | -----     | -----     | -----          | 1,040     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 168,162 | 164,978 | 2,045   | 99        | -----     | -----          | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 32      | 3       | 29      | -----     | -----     | -----          | -----     |
| 1451 CLAY-----                          | 87      | -----   | -----   | 87        | -----     | -----          | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 8,029   | 7,716   | 259     | 54        | -----     | -----          | -----     |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----  | 3,174   | 372     | 20      | 2,782     | -----     | -----          | -----     |
| 2015 ANIMAL BY-PRODUCTS, NEC-----       | 2,373   | 509     | 1,064   | -----     | -----     | -----          | -----     |
| 2021 DAIRY PRODUCTS, NEC-----           | 47      | -----   | 2       | 45        | -----     | -----          | -----     |
| 2031 FISH AND SHELLFISH, PREPARED-----  | 985     | 960     | 25      | -----     | -----     | -----          | -----     |
| 2034 VEGETABLES AND PREP, NEC-----      | 3,785   | 3,265   | -----   | 520       | -----     | -----          | -----     |
| 2039 PREP FRUIT AND VEG JUICE, VEC----- | 1,334   | 627     | 6       | 501       | -----     | -----          | -----     |
| 2042 ANIMAL FEEDS-----                  | 48,627  | 45,190  | 397     | 3,040     | -----     | -----          | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 8,048   | -----   | -----   | 8,048     | -----     | -----          | -----     |
| 2061 SUGAR-----                         | 85      | 40      | -----   | 45        | -----     | -----          | -----     |
| 2062 MOLASSES-----                      | 308     | -----   | -----   | 308       | -----     | -----          | -----     |
| 2081 ALCOHOLIC BEVERAGES-----           | 738     | -----   | -----   | 738       | -----     | -----          | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 8,239   | -----   | 3       | 8,236     | -----     | -----          | -----     |
| 2094 GROCERIES-----                     | 149     | -----   | -----   | 149       | -----     | -----          | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 4,397   | 200     | 373     | 3,024     | -----     | -----          | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----        | 2,921   | 859     | 242     | 1,020     | -----     | -----          | -----     |
| 2212 TEXTILE FIBERS, NEC-----           | 2,665   | -----   | -----   | 2,665     | -----     | -----          | -----     |
| 2311 APPAREL-----                       | 2,283   | 100     | 72      | 2,111     | -----     | -----          | -----     |
| 2411 LOGS-----                          | 23      | -----   | -----   | 23        | -----     | -----          | -----     |
| 2413 FUEL WOOD, CHARCOAL, PASTES-----   | 611     | 554     | 57      | -----     | -----     | -----          | -----     |
| 2421 LUMBER-----                        | 129     | -----   | 129     | -----     | -----     | -----          | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 8       | -----   | 8       | -----     | -----     | -----          | -----     |
| 2491 WOOD MANUFACTURES, NEC-----        | 55      | 52      | 1       | 2         | -----     | -----          | -----     |
| 2511 FURNITURE AND FIXTURES-----        | 647     | 127     | 36      | 484       | -----     | -----          | -----     |
| 2611 PULP-----                          | 263     | -----   | 263     | -----     | -----     | -----          | -----     |
| 2631 PAPER AND PAPERBOARD-----          | 7       | -----   | 7       | -----     | -----     | -----          | -----     |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 2,391   | -----   | 11      | 2,380     | -----     | -----          | -----     |
| 2711 PRINTED MATTER-----                | 102     | 16      | 1       | 85        | -----     | -----          | -----     |
| 2810 SODIUM HYDROXIDE-----              | 22      | -----   | -----   | 22        | -----     | -----          | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 1       | 1       | -----   | -----     | -----     | -----          | -----     |
| 2813 ALCOMOLS-----                      | 14,960  | -----   | -----   | 14,960    | -----     | -----          | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 7,372   | 5,538   | 1,475   | 359       | -----     | -----          | -----     |
| 2821 PLASTIC MATERIALS-----             | 1,637   | 5       | 534     | 1,098     | -----     | -----          | -----     |
| 2822 SYNTHETIC RUBBER-----              | 96      | -----   | 96      | -----     | -----     | -----          | -----     |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----   | 68      | -----   | 64      | -----     | -----     | -----          | -----     |
| 2831 DRUGS-----                         | 53      | 5       | 24      | 24        | -----     | -----          | -----     |
| 2841 SOAP-----                          | 644     | 6       | 24      | 614       | -----     | -----          | -----     |
| 2851 PAINTS-----                        | 588     | 559     | 29      | -----     | -----     | -----          | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 852     | 682     | -----   | -----     | -----     | -----          | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 2,686   | 2,646   | -----   | -----     | -----     | -----          | -----     |
| 2876 INSECTICIDES, DISINFECTANTS-----   | 52      | -----   | -----   | 52        | -----     | -----          | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 513     | -----   | 469     | 44        | -----     | -----          | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 33,088  | -----   | -----   | -----     | 33,088    | -----          | -----     |
| 2916 LUBRICATING OILS AND GREASES-----  | 55      | -----   | 36      | 19        | -----     | -----          | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 69      | -----   | -----   | 69        | -----     | -----          | -----     |
| 2951 ASPHALT BUILDING MATERIALS-----    | 0       | -----   | -----   | 4         | -----     | -----          | -----     |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 121     | -----   | 23      | 98        | -----     | -----          | -----     |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 2,080   | 175     | 328     | 1,581     | -----     | -----          | -----     |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 402     | 296     | 106     | -----     | -----     | -----          | -----     |
| 3211 GLASS AND GLASS PRODUCTS-----      | 643     | -----   | 9       | 634       | -----     | -----          | -----     |
| 3241 BUILDING CEMENT-----               | 57,257  | 57,116  | 141     | -----     | -----     | -----          | -----     |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 44      | 22      | -----   | 22        | -----     | -----          | -----     |
| 3271 LIME-----                          | 35      | 35      | -----   | -----     | -----     | -----          | -----     |
| 3281 CUT STONE AND STONE PRODUCTS-----  | 593     | 389     | -----   | 204       | -----     | -----          | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 297     | 20      | 40      | 103       | -----     | -----          | -----     |
| 3318 IRON AND STEEL PRIMARY FORMS-----  | 95      | -----   | -----   | 95        | -----     | -----          | -----     |
| 3319 IRON, STEEL SHAPES, ETC SHEET----- | 1,900   | 1,709   | 2       | 189       | -----     | -----          | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 0       | -----   | -----   | 0         | -----     | -----          | -----     |
| 3319 IRON AND STEEL PRODUCTS, VEC-----  | 248     | -----   | -----   | 248       | -----     | -----          | -----     |
| 3321 NONFERROUS METALS, NEC-----        | 24      | -----   | 3       | 21        | -----     | -----          | -----     |
| 3322 COPPER ALLOYS, UNWORKED-----       | 21      | -----   | -----   | 21        | -----     | -----          | -----     |
| 3320 ALUMINUM AND ALLOYS, UNWORKED----- | 197     | -----   | 189     | 0         | -----     | -----          | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 1,261   | 32      | 44      | 1,165     | -----     | -----          | -----     |

## JACKSONVILLE, FL, DISTRICT

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MAYAGUEZ HARBOR, P. R.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL | FOREIGN |         | DOMESTIC  |           |                |           |
|---|-------|---------|---------|-----------|-----------|----------------|-----------|
|   |       | IMPORTS | EXPORTS | COASTWISE |           | INTRATERRITORY |           |
|   |       |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS       | SHIPMENTS |
| 5511 MACHINERY, EXCEPT ELECTRICAL-----  | 1,074 | 28      | 215     | 831       | -----     | -----          | -----     |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 2,604 | 1,703   | 695     | 206       | -----     | -----          | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 431   | 75      | 333     | 23        | -----     | -----          | -----     |
| 3731 SHIPS AND BOATS-----               | 14    | 11      | 3       | -----     | -----     | -----          | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 96    | -----   | 46      | 50        | -----     | -----          | -----     |
| 3811 INSTN, TIME, PHOTU, OPT GOODS----- | 491   | -----   | 12      | 479       | -----     | -----          | -----     |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 2,599 | 12      | 12      | 2,575     | -----     | -----          | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 173   | -----   | 173     | -----     | -----     | -----          | -----     |
| 4012 NONFERROUS METAL SCRAP-----        | 281   | -----   | 281     | -----     | -----     | -----          | -----     |
| 4026 PAPER WASTE AND SCRAP-----         | 493   | -----   | 493     | -----     | -----     | -----          | -----     |
| 4112 COMMODITIES, NEC-----              | 4,195 | 671     | 293     | 3,231     | -----     | -----          | -----     |
| 4119 EMPTY CONTAINERS-----              | 16    | -----   | 16      | -----     | -----     | -----          | -----     |

## ST. THOMAS HARBOR, V. I.

SECTION INCLUDED: ENTIRE HARBOR. CONTROLLING DEPTHS: 34 FEET IN THE ENTRANCE CHANNEL; 23 FEET OVER SCORPION ROCKS; 33 FEET IN THE SOUTHERLY PORTION OF THE ANCHORAGE AREA, THENCE GRADUALLY SLOPING TO 16 FEET AT THE LIMIT LINES IN THE NORTHERLY PORTION. PROJECT DEPTHS: 36 FEET IN THE ENTRANCE CHANNEL; 33 FEET IN THE ANCHORAGE AREA. APPROXIMATE LENGTHS: ENTRANCE CHANNEL, 0.6 MILE; ANCHORAGE AREA, 0.6 MILE, VARYING IN WIDTH FROM 1,600 TO 3,650 FEET. (PROJECT AUTHORIZED BUT HAS NOT BEEN CONSTRUCTED).

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | PASSENGERS | YEAR      | TONS  | PASSENGERS |
|-----------|---------|------------|-----------|-------|------------|
| 1978----- | 380,361 | 611,627    | 1983----- | ----- | -----      |
| 1979----- | 401,505 | 726        | 1984----- | ----- | 668        |
| 1980----- | 415,012 | 986        | 1985----- | ----- | 341,284    |
| 1981----- | 312,157 | 904        | 1986----- | ----- | 1,188      |
| 1982----- | 293,127 | 766        | 1987----- | ----- | 358,650    |
|           |         |            |           |       | 3,372      |
|           |         |            |           |       | 615,519    |
|           |         |            |           |       | 736        |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL   | FOREIGN |         | DOMESTIC  |          |                |
|---|---------|---------|---------|-----------|----------|----------------|
|   |         | IMPORTS | EXPORTS | COASTWISE |          | INTRATERRITORY |
|   |         |         |         | RECEIPTS  | RECEIPTS | SHIPMENTS      |
| TOTAL-----                              | 615,519 | 282,835 | 59,494  | 4,059     | 224,615  | 44,516         |
| 0105 RICE-----                          | 318     | 61      | 277     | -----     | -----    | -----          |
| 0119 OILSEEDS, NEC-----                 | 2       | -----   | 2       | -----     | -----    | -----          |
| 0121 TOBACCO, LEAF-----                 | 4       | -----   | 4       | -----     | -----    | -----          |
| 0129 FIELD CROPS, NEC-----              | 10      | -----   | 10      | -----     | -----    | -----          |
| 0131 FRESH FRUITS-----                  | 156     | 12      | 142     | -----     | 2        | -----          |
| 0132 BANANAS AND PLANTAINS-----         | 230     | 230     | -----   | -----     | -----    | -----          |
| 0133 COFFEE-----                        | 771     | 771     | -----   | -----     | -----    | -----          |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 1,412   | 204     | 1,208   | -----     | -----    | -----          |
| 0151 LIVE ANIMALS-----                  | 2       | -----   | 2       | -----     | -----    | -----          |
| 0161 ANIMALS AND PRODUCTS, NEC-----     | 93      | 4       | 89      | -----     | -----    | -----          |
| 0191 MISCELLANEOUS FARM PRODUCTS-----   | 57      | 6       | 41      | -----     | 10       | -----          |
| 0861 FOREST PRODUCTS, NEC-----          | 1       | -----   | 1       | -----     | -----    | -----          |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 36      | 27      | 9       | -----     | -----    | -----          |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 22      | 18      | 4       | -----     | -----    | -----          |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 13      | 13      | -----   | -----     | -----    | -----          |
| 1311 CRUDE PETROLEUM-----               | 76,925  | 76,925  | -----   | -----     | -----    | -----          |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 45,168  | 42,925  | 2,243   | -----     | -----    | -----          |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----  | 1,007   | 22      | 1,385   | -----     | -----    | -----          |
| 2012 MEAT AND PRODUCTS, NEC-----        | 94      | -----   | 94      | -----     | -----    | -----          |
| 2016 TALLOW, ANIMAL FATS AND OILS-----  | 138     | -----   | 138     | -----     | -----    | -----          |
| 2021 DAIRY PRODUCTS, NEC-----           | 525     | 11      | 514     | -----     | -----    | -----          |
| 2022 DRIED MILK AND CREAM-----          | 1,272   | 389     | 923     | -----     | -----    | -----          |
| 2031 FISH AND SHELLFISH, PREPARED-----  | 68      | 23      | 39      | -----     | 6        | -----          |
| 2034 VEGETABLES AND PREP., NEC-----     | 377     | 297     | 80      | -----     | -----    | -----          |
| 2039 PREP FRUIT AND VEG JUICE, NEC----- | 584     | 265     | 251     | -----     | 68       | -----          |
| 2041 WHEAT FLOUR AND SEMOLINA-----      | 343     | -----   | 383     | -----     | -----    | -----          |
| 2042 ANIMAL FEEDS-----                  | 444     | -----   | 400     | 21        | 23       | -----          |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 530     | 105     | 412     | -----     | 13       | -----          |
| 2061 SUGAR-----                         | 270     | 20      | 250     | -----     | -----    | -----          |
| 2062 MOLASSES-----                      | 4,750   | -----   | -----   | -----     | 4,750    | -----          |
| 2081 ALCOHOLIC BEVERAGES-----           | 7,169   | 1,487   | 5,663   | -----     | 19       | -----          |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 320     | 43      | 270     | -----     | 7        | -----          |
| 2092 ANIMAL OILS AND FATS, NEC-----     | 26      | 2       | 24      | -----     | -----    | -----          |
| 2098 GROCERIES-----                     | 4,572   | -----   | -----   | -----     | 227      | 4,345          |
| 2095 ICE-----                           | 67      | 67      | -----   | -----     | -----    | -----          |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 7,439   | 158     | 6,542   | 175       | 568      | -----          |
| 2111 TOBACCO MANUFACTURES-----          | 61      | 4       | 57      | -----     | -----    | -----          |
| 2211 BASIC TEXTILE PRODUCTS-----        | 495     | 61      | 430     | -----     | 6        | -----          |
| 2311 APPAREL-----                       | 359     | 263     | 69      | -----     | 27       | -----          |
| 2421 LUMBER-----                        | 2,292   | 316     | 1,00    | -----     | 2        | -----          |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 139     | -----   | 136     | -----     | 3        | -----          |
| 2491 WOOD MANUFACTURES, NEC-----        | 148     | 103     | 45      | -----     | -----    | -----          |
| 2511 FURNITURE AND FIXTURES-----        | 1,621   | 192     | 682     | -----     | 15       | 732            |
| 2611 PULP-----                          | 9,946   | -----   | 9,946   | -----     | -----    | -----          |
| 2631 PAPER AND PAPERBOARD-----          | 570     | 33      | 537     | -----     | -----    | -----          |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 613     | 114     | 459     | -----     | 40       | -----          |
| 2711 PRINTED MATTER-----                | 288     | 45      | 243     | -----     | -----    | -----          |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 25      | 25      | -----   | -----     | -----    | -----          |

## Waterborne Commerce of the United States, 1987

ST. THOMAS HARBOR, V. I.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                                 | TOTAL   | FOREIGN |         | DOMESTIC  |                |
|---|---------|---------|---------|-----------|----------------|
|   |         | IMPORTS | EXPORTS | COASTWISE | INTRATERRITORY |
|   |         |         |         | RECEIPTS  | SHIPMENTS      |
| 2812 DYES, PIGMENT, TANNING MATS-----     | 6       | -----   | 6       | -----     | -----          |
| 2813 ALCOHOLS-----                        | 1       | 1       | -----   | -----     | -----          |
| 2819 BASIC CHEMICALS AND PROD., NEC-----  | 1,082   | 94      | 984     | -----     | 4              |
| 2821 PLASTIC MATERIALS-----               | 2,068   | -----   | 2,067   | -----     | 1              |
| 2822 SYNTHETIC RUBBER-----                | 18      | -----   | 18      | -----     | -----          |
| 2831 DRUGS-----                           | 159     | 9       | 136     | -----     | 14             |
| 2841 SOAPS-----                           | 787     | 51      | 648     | -----     | 88             |
| 2851 PAINTS-----                          | 204     | 16      | 180     | -----     | -----          |
| 2861 GUM AND WOOD CHEMICALS-----          | 258     | -----   | 258     | -----     | -----          |
| 2878 INSECTICIDES, DISINFECTANTS-----     | 90      | 20      | 70      | -----     | -----          |
| 2879 FERTILIZER AND MATERIALS, NEC-----   | 23      | -----   | 22      | -----     | 1              |
| 2891 MISCELLANEOUS CHEMICAL PROD.-----    | 236     | -----   | 235     | -----     | 1              |
| 2911 GASOLINE-----                        | 69,608  | 11,081  | 8       | 34,609    | 23,914         |
| 2914 DISTILLATE FUEL OIL-----             | 61,104  | 8,699   | 546     | 51,596    | 263            |
| 2915 RESIDUAL FUEL OIL-----               | 224,800 | 101,220 | -----   | 123,580   | -----          |
| 2916 LUBRICATING OILS AND GREASES-----    | 395     | -----   | 395     | -----     | -----          |
| 2918 ASPHALT, TAR, AND PITCHES-----       | 7       | -----   | 6       | -----     | 1              |
| 2921 LIQUEFIED GASES-----                 | 569     | -----   | 165     | -----     | 900            |
| 2951 ASPHALT BUILDING MATERIALS-----      | 10      | -----   | 4       | -----     | 6              |
| 2991 PETROLEUM AND COAL PROD., NEC-----   | 57      | -----   | 57      | -----     | -----          |
| 3011 RUBBER AND MISC PLASTIC PROD.-----   | 682     | 100     | 536     | -----     | 46             |
| 3111 LEATHER AND LEATHER PRODUCTS-----    | 246     | 197     | 46      | -----     | 3              |
| 3211 GLASS AND GLASS PRODUCTS-----        | 556     | 321     | 233     | -----     | 2              |
| 3241 BUILDING CEMENT-----                 | 21,004  | 20,086  | 909     | -----     | 9              |
| 3251 STRUCTURAL CLAY PRODUCTS-----        | 1,629   | 1,523   | 99      | -----     | 7              |
| 3261 CUT STONE AND STONE PRODUCTS-----    | 1,247   | 1,167   | 80      | -----     | -----          |
| 3291 MISC NONMETALLIC MINERAL PROD.-----  | 10,307  | 431     | 1,221   | -----     | 8,655          |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----   | 10,406  | 9,819   | 586     | -----     | 1              |
| 3316 IRON AND STEEL PLATES, SHEETS-----   | 23      | -----   | 23      | -----     | -----          |
| 3317 IRON AND STEEL PIPE AND TUBE-----    | 597     | 578     | 19      | -----     | -----          |
| 3319 IRON AND STEEL PRODUCTS, NEC-----    | 100     | -----   | 100     | -----     | -----          |
| 3321 NONFERROUS METALS, NEC-----          | 26      | -----   | 26      | -----     | -----          |
| 3322 COPPER ALLOYS, UNWORKED-----         | 50      | 40      | 10      | -----     | -----          |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----   | 64      | 60      | 4       | -----     | -----          |
| 3411 FABRICATED METAL PRODUCTS-----       | 18,880  | 712     | 3,858   | -----     | 52             |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----    | 3,357   | 321     | 3,021   | -----     | 15             |
| 3611 ELECTRICAL MACH. AND EQUIP.-----     | 1,403   | 51      | 1,267   | -----     | 85             |
| 3711 MOTOR VEHICLES, PARTS, EQUIP.-----   | 1,767   | 366     | 785     | -----     | 596            |
| 3731 SHIPS AND BOATS-----                 | 246     | 89      | 157     | -----     | -----          |
| 3791 MISC TRANSPORTATION EQUIPMENT-----   | 32      | -----   | 27      | -----     | 5              |
| 3811 INSTR., TIME, PHOTO, OPT. GOODS----- | 599     | 14      | 575     | -----     | 10             |
| 3911 MISC MANUFACTURED PRODUCTS-----      | 3,363   | 164     | 302     | 2,887     | 10             |
| 4012 NONFERROUS METAL SCRAP-----          | 73      | 19      | 53      | -----     | 1              |
| 4024 PAPER WASTE AND SCRAP-----           | 1,213   | -----   | 1,213   | -----     | -----          |
| 4112 COMMODITIES, NEC-----                | 3,945   | 405     | 2,551   | 976       | 13             |
| 9999 DEPARTMENT OF DEFENSE AND SCI-----   | 10      | -----   | 10      | -----     | -----          |

## CHRISTIANSTED HARBOR, ST. CROIX, V. I.

SECTION INCLUDED: FROM 16-FOOT DEPTH IN CARIBBEAN SEA AN APPROACH CHANNEL APPROXIMATELY 1 1/4 MILES LONG INCLUDING A TURNING BASIN 900 FEET LONG IN GALLONS BAY AT THE SITE OF THE DEEPWATER TERMINAL, AND THENCE TO AND ALONG THE WATERFRONT AT CHRISTIANSTED. CONTROLLING DEPTHS: 16 FEET IN APPROACH CHANNEL AND TURNING BASIN; 8 FEET ALONG WATERFRONT. PROJECT DEPTHS: 16 FEET IN APPROACH CHANNEL AND TURNING BASIN.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | PASSENGERS | YEAR      | TONS    | PASSENGERS |
|-----------|---------|------------|-----------|---------|------------|
| 1978----- | 332,819 | 9,813      | 1983----- | 656,951 | -----      |
| 1979----- | 648,729 | -----      | 1984----- | 267,380 | -----      |
| 1980----- | 686,867 | -----      | 1985----- | 380,341 | -----      |
| 1981----- | 215,189 | -----      | 1986----- | 494,929 | -----      |
| 1982----- | 393,120 | -----      | 1987----- | 486,213 | -----      |

NOTE: PASSENGER TOTALS ABOVE CONSISTS OF PASSENGERS FROM AND TO PORTS OUTSIDE OF VIRGIN ISLANDS.

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                             | TOTAL   | FOREIGN |         | DOMESTIC  |                |
|---------------------------------------|---------|---------|---------|-----------|----------------|
|                                       |         | IMPORTS | EXPORTS | COASTWISE | INTRATERRITORY |
|                                       |         |         |         | RECEIPTS  | SHIPMENTS      |
| TOTAL-----                            | 486,213 | 293,497 | 66,432  | 649       | 15             |
| 0103 CORN-----                        | 54      | -----   | 54      | -----     | -----          |
| 0105 RICE-----                        | 29      | 20      | -----   | -----     | -----          |
| 0129 FIELD CROPS, NEC-----            | 59      | -----   | 59      | -----     | -----          |
| 0131 FRESH FRUITS-----                | 75      | 18      | 57      | -----     | -----          |
| 0132 BANANAS AND PLANTAINS-----       | 78      | 78      | -----   | -----     | -----          |
| 0133 COFFEE-----                      | 6       | 2       | -----   | -----     | 2              |
| 0141 FRESH AND FROZEN VEGETABLES----- | 45      | 19      | 26      | -----     | -----          |
| 0151 LIVE ANIMALS-----                | 3       | -----   | 3       | -----     | -----          |
| 0161 ANIMALS AND PRODUCTS, NEC-----   | 10      | 2       | 13      | -----     | 1              |
| 0191 MISCELLANEOUS FARM PRODUCTS----- | 1       | -----   | -----   | -----     | 1              |
| 0912 SHELLFISH, EXCEPT PREPARED-----  | 11      | -----   | 11      | -----     | -----          |
| 1051 ALUMINUM ORES, CONCENTRATES----- | 3,172   | 3,171   | 1       | -----     | -----          |
| 1311 CRUDE PETROLEUM-----             | 180,845 | 180,845 | -----   | -----     | -----          |

## JACKSONVILLE, FL, DISTRICT

CHRISTIANSTED HARBOR, ST. CROIX, V. I.--CONTINUED

FREIGHT TRAFFIC, 1967--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL  | FOREIGN  |           | DOMESTIC  |           |                |           |
|---|--------|----------|-----------|-----------|-----------|----------------|-----------|
|   |        | IMPORTS  | EXPORTS   | COASTWISE |           | INTRATERRITORY |           |
|   |        | RECEIPTS | SHIPMENTS | RECEIPTS  | SHIPMENTS | RECEIPTS       | SHIPMENTS |
| 1412 BUILDING STONE, UNWORKED-----      | 23     | -----    | 23        | -----     | -----     | -----          | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 52,052 | 15,356   | 33,693    | -----     | -----     | 3              | -----     |
| 1451 CLAY-----                          | 51     | 30       | 21        | -----     | -----     | -----          | -----     |
| 1911 ORDNANCE AND ACCESSORIES-----      | 1      | 1        | -----     | -----     | -----     | -----          | -----     |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----  | 493    | -----    | 486       | -----     | -----     | 5              | -----     |
| 2012 MEAT AND PRODUCTS, NEC-----        | 16     | -----    | 13        | -----     | -----     | 3              | -----     |
| 2014 TALLOW, ANIMAL FATS AND DILS-----  | 1      | -----    | 1         | -----     | -----     | -----          | -----     |
| 2015 ANIMAL BY-PRODUCTS, NEC-----       | 19     | -----    | 19        | -----     | -----     | -----          | -----     |
| 2021 DAIRY PRODUCTS, NEC-----           | 7      | 7        | -----     | -----     | -----     | -----          | -----     |
| 2022 DRIED MILK AND CREAM-----          | 585    | 451      | 134       | -----     | -----     | -----          | -----     |
| 2031 FISH AND SHELLFISH, PREPARED-----  | 68     | 48       | -----     | -----     | -----     | -----          | -----     |
| 2034 VEGETABLES AND PREP, NEC-----      | 1,304  | 1,245    | 59        | -----     | -----     | -----          | -----     |
| 2039 PREP FRUIT AND VEG JUICE, NEC----- | 487    | 422      | 55        | -----     | -----     | 10             | -----     |
| 2041 WHEAT FLOUR AND SEMOLINA-----      | 140    | -----    | 140       | -----     | -----     | -----          | -----     |
| 2042 ANIMAL FEEDS-----                  | 702    | 1        | 598       | -----     | -----     | 99             | 4         |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 269    | 27       | 242       | -----     | -----     | -----          | -----     |
| 2061 SUGAR-----                         | 15     | -----    | 15        | -----     | -----     | -----          | -----     |
| 2062 MOLASSES-----                      | 17,453 | 17,453   | -----     | -----     | -----     | -----          | -----     |
| 2081 ALCOHOLIC BEVERAGES-----           | 3,988  | 3,436    | 551       | -----     | -----     | 1              | -----     |
| 2091 VEGETABLE OILS, VARG, SHORT-----   | 84     | 1        | 83        | -----     | -----     | -----          | -----     |
| 2092 ANIMAL OILS AND FATS, NEC-----     | 1      | 1        | -----     | -----     | -----     | -----          | -----     |
| 2094 GROCERIES-----                     | 123    | -----    | -----     | -----     | -----     | 123            | -----     |
| 2095 ICE-----                           | 685    | 685      | -----     | -----     | -----     | -----          | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 1,412  | 299      | 528       | 48        | -----     | 527            | 10        |
| 2111 TOBACCO MANUFACTURES-----          | 2      | -----    | 2         | -----     | -----     | -----          | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----        | 96     | 8        | 85        | -----     | -----     | 3              | -----     |
| 2311 APPAREL-----                       | 126    | 17       | 84        | -----     | -----     | 25             | -----     |
| 2421 LUMBER-----                        | 1,278  | -----    | 1,278     | -----     | -----     | -----          | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 67     | 41       | 22        | -----     | -----     | 4              | -----     |
| 2491 WOOD MANUFACTURES, NEC-----        | 52     | 19       | 32        | -----     | -----     | 1              | -----     |
| 2511 FURNITURE AND FIXTURES-----        | 234    | 129      | 92        | -----     | -----     | 9              | 4         |
| 2531 PAPER AND PAPERBOARD-----          | 439    | 276      | 163       | -----     | -----     | -----          | -----     |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 87     | 13       | 30        | -----     | -----     | 43             | 1         |
| 2711 PRINTED MATTER-----                | 63     | 13       | 50        | -----     | -----     | -----          | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 4,644  | 4,644    | -----     | -----     | -----     | -----          | -----     |
| 2813 ALCOHOLS-----                      | 1,538  | -----    | 1,538     | -----     | -----     | -----          | -----     |
| 2817 BENZENE AND TOLUENE-----           | 3,456  | -----    | 3,456     | -----     | -----     | -----          | -----     |
| 2818 SULPHURIC ACID-----                | 3      | -----    | -----     | -----     | -----     | 3              | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 656    | 157      | 499       | -----     | -----     | -----          | -----     |
| 2821 PLASTIC MATERIALS-----             | 173    | -----    | 173       | -----     | -----     | -----          | -----     |
| 2822 SYNTHETIC RUBBER-----              | 1      | -----    | 1         | -----     | -----     | -----          | -----     |
| 2831 DRUGS-----                         | 75     | 5        | 52        | -----     | -----     | 17             | 1         |
| 2861 SOAP-----                          | 176    | 34       | 55        | -----     | -----     | 60             | 7         |
| 2861 PAINTS-----                        | 147    | 55       | 91        | -----     | -----     | 1              | -----     |
| 2861 GUM AND WOOD CHEMICALS-----        | 1      | -----    | 1         | -----     | -----     | -----          | -----     |
| 2876 INSECTICIDES, DISINFECTANTS-----   | 50     | -----    | 50        | -----     | -----     | -----          | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 14     | -----    | -----     | -----     | -----     | 14             | -----     |
| 2991 MISCELLANEOUS CHEMICAL PROD-----   | 32     | 5        | 27        | -----     | -----     | -----          | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 71,123 | -----    | 16,219    | -----     | -----     | 58,904         | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 69,467 | -----    | -----     | -----     | -----     | 69,467         | -----     |
| 2916 LUBRICATING OILS AND GREASES-----  | 13     | -----    | 13        | -----     | -----     | -----          | -----     |
| 2917 NAPHTHA, PETROLEUM, SOLVENTS-----  | 35,189 | 33,389   | -----     | -----     | -----     | -----          | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 4,303  | 4,273    | 9         | -----     | -----     | 21             | -----     |
| 2951 ASPHALT BUILDING MATERIALS-----    | 10     | -----    | -----     | -----     | -----     | 9              | 1         |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 264    | 80       | 176       | -----     | -----     | 8              | -----     |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 28     | 17       | 8         | -----     | -----     | 2              | 1         |
| 3211 GLASS AND GLASS PRODUCTS-----      | 157    | 84       | 72        | -----     | -----     | 1              | -----     |
| 3261 BUILDING CEMENT-----               | 18,559 | 17,897   | 662       | -----     | -----     | -----          | -----     |
| 3291 STRUCTURAL CLAY PRODUCTS-----      | 1,902  | 1,885    | 57        | -----     | -----     | -----          | -----     |
| 3201 CUT STONE AND STONE PRODUCTS-----  | 196    | 195      | -----     | -----     | -----     | -----          | -----     |
| 3201 MISC NONMETALLIC MINERAL PROD----- | 311    | 117      | 193       | -----     | -----     | 1              | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 1,640  | 922      | 722       | -----     | -----     | -----          | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 158    | 4        | 153       | -----     | -----     | 1              | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 58     | 45       | 13        | -----     | -----     | -----          | -----     |
| 3321 NONFERROUS METALS, NEC-----        | 7      | -----    | 6         | -----     | -----     | 1              | -----     |
| 3322 COPPER ALLOYS, UNWORKED-----       | 51     | 2        | 49        | -----     | -----     | -----          | -----     |
| 3320 ALUMINUM AND ALLOYS, UNWORKED----- | 235    | 233      | -----     | -----     | -----     | 1              | 1         |
| 3411 FABRICATED METAL PRODUCTS-----     | 2,255  | 270      | 1,955     | -----     | -----     | 27             | 3         |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 919    | 454      | 376       | -----     | -----     | 86             | 3         |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 380    | 139      | 226       | -----     | -----     | 15             | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 1,648  | 1,289    | 378       | -----     | -----     | 18             | 3         |
| 3721 AIRCRAFT AND PARTS-----            | 4      | 4        | -----     | -----     | -----     | -----          | -----     |
| 3731 SHIPS AND BOATS-----               | 35     | -----    | 35        | -----     | -----     | 2              | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 11     | -----    | 9         | -----     | -----     | 2              | -----     |
| 3811 INSTN, TIME, PHOTO, OPT GOODS----- | 160    | 8        | 148       | -----     | -----     | 3              | 1         |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 132    | 62       | 37        | -----     | -----     | 15             | 3         |
| 4024 PAPER WASTE AND SCRAP-----         | 116    | -----    | 116       | -----     | -----     | 17             | 3         |
| 4112 COMMODITIES, NEC-----              | 837    | 85       | 131       | 601       | -----     | 17             | 3         |

## Waterborne Commerce of the United States, 1987

## OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY  | COMMODITY   | TONS  | TOTAL<br>TON-MILES | PASSENGERS |
|---|---|---|--------------------|------------|
| PROJECT   |   |   |                    |            |
| ANCLOTE RIVER, FLA.   | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----   | 28<br>3<br>262  |                    |            |
|   | TOTAL-----  | 293   | 2,637              | 61,250     |
| ARECIBO HARBOR, P. R.                                       | 2091 VEGETABLE OILS, MARG, SHORT-----   | 20,393  |                    |            |
| CEDAR KEYS HARBOR, FLA.                                     | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----   | 62<br>686<br>160  |                    |            |
|   | TOTAL-----  | 917   | 6,419              |            |
| CHANNEL FROM NAPLES TO GORDON PASS AND BIG MARCO PASS, FLA. | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----   | 916<br>321<br>1,706   |                    |            |
|   | TOTAL-----  | 2,943   | 31,479             |            |
| CLEARWATER PASS, FLA.                                       | 3814 MACHINERY, EXCEPT ELECTRICAL-----  | 100   | 100                |            |
| CROSS-FLORIDA BARGE CANAL, FLA.                             | NO COMMERCE REPORTED  |   |                    |            |
| CRYSTAL RIVER, FLA.   | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----   | 411<br>633<br>120   |                    |            |
|   | TOTAL-----  | 1,160   | 10,512             |            |
| EVERGLADES HARBOR, COLLIER COUNTY, FLA.                     | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----   | 450<br>322<br>83  |                    |            |
|   | TOTAL-----  | 863   | 6,904              |            |
| FAJARDO HARBOR, P. R.                                       | 0141 FRESH AND FRUZEN VEGETABLES-----<br>1402 SAND, GRAVEL, CRUSHED ROCK-----<br>1494 GYPSUM, CRUDE AND PLASTER-----<br>2012 MEAT AND PRODUCTS, NEC-----<br>2021 DAIRY PRODUCTS, NEC-----<br>2022 DRIED MILK AND CREAM-----<br>2034 VEGETABLES AND PREP, NEC-----<br>2039 PREP FRUIT AND VEG JUICE, NEC-----<br>2042 ANIMAL FEEDS-----<br>2049 GRAIN MILL PRODUCTS, NEC-----<br>2061 ALCOHOLIC BEVERAGES-----<br>2091 VEGETABLE OILS, MARG, SHURT-----<br>2099 MISCELLANEOUS FOOD PRODUCTS-----<br>2211 BASIC TEXTILE PRODUCTS-----<br>2411 LUGS-----<br>2421 LUMBER-----<br>2431 VENEER, PLYWOOD, WORKED WOOD-----<br>2491 WOOD MANUFACTURES, NEC-----<br>2511 FURNITURE AND FIXTURES-----<br>2631 PAPER AND PAPERBOARD-----<br>2691 PULP AND PAPER PRODUCTS, NEC-----<br>2711 PRINTED MATTER-----<br>2831 DRUGS-----<br>2841 SOAP-----<br>2891 MISCELLANEOUS CHEMICAL PROD-----<br>2914 DISTILLATE FUEL OIL-----<br>2916 LUBRICATING OILS AND GREASES-----<br>3011 RUBBER AND MISC PLASTIC PROD-----<br>3211 GLASS AND GLASS PRODUCTS-----<br>3291 MISC NONMETALLIC MINERAL PROD-----<br>3315 IRON, STEEL SHAPES, EXC SHEET-----<br>3319 IRON AND STEEL PRODUCTS, NEC-----<br>3323 NONFERROUS METALS, NEC-----<br>3411 FABRICATED METAL PRODUCTS-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----<br>3611 ELECTRICAL MACH AND EQUIP-----<br>3711 MOTOR VEHICLES, PARTS, EQUIP-----<br>3811 INSTR, TIME, PHOTO, OPT Goods-----<br>3911 MISC MANUFACTURED PRODUCTS-----<br>4112 COMMODITIES, NEC----- | 28<br>2,665<br>6,512<br>46<br>18<br>3<br>10<br>29<br>50<br>12<br>5,423<br>3<br>164<br>13<br>13<br>8<br>6<br>16<br>13<br>1<br>50,366<br>1,517<br>30<br>19<br>3,465<br>82<br>6<br>1<br>24<br>273<br>41<br>30<br>9<br>36<br>105,226<br>174,247 |                    |            |
| FORT MYERS BEACH, FLA.                                      | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----   | 1,230<br>504<br>20,191  |                    |            |
|   | TOTAL-----  | 21,925  | 43,850             |            |
| GUAYANES HARBOR, P. R.                                      | NO COMMERCE REPORTED  |   |                    |            |
| HOMOSASSA RIVER, FLA.                                       | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----   | 812<br>633<br>162   |                    |            |
|   | TOTAL-----  | 1,207   | 1,207              |            |
| HORSESHOE COVE, FLA.  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----  | 319<br>585  |                    |            |
|   | TOTAL-----  | 904   | 1,808              |            |

## OTHER HARBORS AND WATERWAYS--CONTINUED

| HARBOR OR WATERWAY  | COMMODITY   | TONS                   | TOTAL<br>TON-<br>MILES | PASSENGERS |
|---|---|------------------------|------------------------|------------|
| PROJECT--CONTINUED  |   |                        |                        |            |
| HUDSON RIVER, FLA.  | NO COMMERCE REPORTED  |                        |                        |            |
| JOHNS PASS, FLA.  | NO COMMERCE REPORTED  |                        |                        |            |
| KISSIMMEE RIVER, FLA.   | NO COMMERCE REPORTED  |                        |                        |            |
| LITTLE MANATEE RIVER, FLA. (INCLUDED IN<br>TRAFFIC OF TAMPA HARBOR, FLA.) | 2095 ICE-----   | 676                    | 2,704                  | -----      |
| LONGBOAT PASS, FLA.   | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----     | 5,727<br>130<br>946    | -----                  | -----      |
| MANATEE RIVER, FLA.   | TOTAL-----  | 6,811                  | -----                  | -----      |
| NEW PASS, FLA.  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----     | 5,727<br>68<br>354     | -----                  | -----      |
| PITHLACHASCOOTEE RIVER, FLA.  | 3411 FABRICATED METAL PRODUCTS-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----                       | 100<br>200             | -----                  | -----      |
| ST. PETERSBURG HARBOR, FLA.   | TOTAL-----  | 6,449                  | 48,543                 | 1,940      |
| STEINHATCHEE RIVER, FLA.  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----     | 100<br>50<br>18        | -----                  | -----      |
| SUNANNEE RIVER, FLA.  | TOTAL-----  | 168                    | 440                    | -----      |
| WITLACOCHEE RIVER, FLA.   | NO COMMERCE REPORTED  |                        |                        |            |
| NONPROJECT  |   |                        |                        |            |
| WEEDON ISLAND, FLA.   | 2914 DISTILLATE FUEL OIL-----<br>2915 RESIDUAL FUEL OIL-----<br>3411 FABRICATED METAL PRODUCTS----- | 92,236<br>691,167<br>5 | -----                  | -----      |
|   | TOTAL-----  | 783,408                | 2,350,224              | -----      |

*Waterborne Commerce of the United States, 1987*  
**MOBILE, AL, DISTRICT**

ST. MARKS RIVER, FLA.

SECTION INCLUDED: MOUTH TO NEAPORT, FLA. PROJECT DEPTHS 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|-----------|------------|-----------|-----------|------------|
| 1978----- | 1,803,595 | *          | 1983----- | 726,662   | *          |
| 1979----- | 1,671,323 | *          | 1984----- | 780,290   | *          |
| 1980----- | 1,594,829 | *          | 1985----- | 960,682   | *          |
| 1981----- | 1,164,797 | *          | 1986----- | 1,075,833 | *          |
| 1982----- | 647,631   | *          | 1987----- | 889,326   | *          |

\* NONE REPORTED.

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                             | TOTAL   | COASTWISE |           |
|---------------------------------------|---------|-----------|-----------|
|                                       |         | RECEIPTS  | SHIPMENTS |
| TOTAL-----                            | 889,326 | 888,716   | 610       |
| 2810 SODIUM HYDROXIDE-----            | 110,343 | 110,343   | -----     |
| 2911 GASOLINE-----                    | 300,027 | 300,027   | -----     |
| 2914 DISTILLATE FUEL OIL-----         | 372,664 | 372,664   | -----     |
| 2915 RESIDUAL FUEL OIL-----           | 43,546  | 42,936    | 610       |
| 2917 NAPHTHA, PETROLEUM SOLVENTS----- | 751     | 751       | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----   | 42,776  | 42,776    | -----     |
| 2921 LIQUEFIED GASES-----             | 697     | 697       | -----     |
| 4029 WASTE AND SCRAP, NEC-----        | 18,522  | 18,522    | -----     |
| TOTAL TON-MILES, 9,777,088.           |         |           |           |

APALACHICOLA, CHATTahooCHEE, AND FLINT RIVERS, GA. AND FLA.\*

SECTION INCLUDED: APALACHICOLA RIVER, MOUTH TO JUNCTION OF CHATTahooCHEE AND FLINT RIVERS; CHATTahooCHEE RIVER, JUNCTION TO COLUMBUS, GA.; FLINT RIVER, JUNCTION TO BAINBRIDGE, GA. PROJECT DEPTHS APALACHICOLA RIVER, 9 FEET; CHATTahooCHEE RIVER TO COLUMBUS, GA., 9 FEET; FLINT RIVER TO BAINBRIDGE, GA., 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS      |
|-----------|---------|-----------|-----------|
| 1978----- | 873,353 | 1983----- | 690,204   |
| 1979----- | 889,884 | 1984----- | 1,170,740 |
| 1980----- | 783,656 | 1985----- | 1,201,921 |
| 1981----- | 648,932 | 1986----- | 902,895   |
| 1982----- | 825,591 | 1987----- | 911,981   |

\* GULF INTRACOASTAL WATERWAY THROUGH TRAFFIC OVER LOWER 6 MILES OF THE APALACHICOLA RIVER IS EXCLUDED.

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | COASTWISE |           | INTERNAL |          |           |
|---|---------|-----------|-----------|----------|----------|-----------|
|   |         | RECEIPTS  | SHIPMENTS | INBOUND  | OUTBOUND | DOWNBOUND |
| TOTAL-----                              | 911,961 | 500       | 300       | 500,098  | 52,738   | 350,329   |
| 0103 CORN-----                          | 4,300   | -----     | -----     | 4,300    | -----    | -----     |
| 0104 OATS-----                          | 965     | -----     | -----     | 965      | -----    | -----     |
| 0107 WHEAT-----                         | 12,845  | -----     | -----     | 12,845   | -----    | -----     |
| 0111 SOYBEANS-----                      | 13,249  | -----     | -----     | 13,249   | -----    | -----     |
| 0119 DILSEEDS, NEC-----                 | 2,690   | -----     | -----     | 2,690    | -----    | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 13,149  | -----     | -----     | 13,149   | -----    | -----     |
| 1121 COAL AND LIGNITE-----              | 28,332  | -----     | -----     | 26,900   | 1,432    | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 358,329 | -----     | -----     | -----    | -----    | 358,329   |
| 1494 GYPSUM, CRUDE AND PLASTERS-----    | 27,503  | -----     | -----     | 27,503   | -----    | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 26,306  | -----     | -----     | 26,306   | -----    | -----     |
| 2802 ANIMAL FEEDS-----                  | 5,747   | -----     | -----     | 4,923    | 824      | -----     |
| 2810 SODIUM HYDROXIDE-----              | 37,161  | -----     | -----     | 37,161   | -----    | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 28,994  | -----     | -----     | 28,994   | -----    | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 47,677  | -----     | -----     | 47,677   | -----    | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 9,991   | -----     | -----     | 9,991    | -----    | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 5,935   | -----     | -----     | 3,037    | 2,898    | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 871     | -----     | -----     | 871      | -----    | -----     |
| 2911 GASOLINE-----                      | 52,511  | -----     | -----     | 50,953   | 1,558    | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 48,312  | -----     | -----     | 48,537   | 1,775    | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 73,977  | -----     | -----     | 71,659   | 2,318    | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 3,205   | -----     | -----     | 3,205    | -----    | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 63,079  | -----     | -----     | 63,079   | -----    | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 46,033  | -----     | -----     | 46,033   | -----    | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 800     | 500       | 300       | -----    | -----    | -----     |
| TOTAL TON-MILES, 86,357,206.            |         |           |           |          |          |           |

## MOBILE, AL, DISTRICT

65

GULF COUNTY CANAL, FLA.

SECTION INCLUDED: ENTIRE LENGTH. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS      |
|-----------|---------|-----------|-----------|
| 1978----- | 321,763 | 1983----- | 137,220   |
| 1979----- | 527,610 | 1984----- | 1,755,495 |
| 1980----- | 741,029 | 1985----- | 2,273,655 |
| 1981----- | 317,898 | 1986----- | 3,129,860 |
| 1982----- | 104,983 | 1987----- | 2,908,286 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL  |                       |            |
|---|-----------|-----------|-----------------------|------------|
|   |           | INBOUND   | THROUGH<br>NORTHBOUND | SOUTHBOUND |
| TOTAL-----                              | 2,908,286 | 2,809,715 | 2,484                 | 96,087     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 4,000     | 4,000     | -----                 | -----      |
| 1121 COAL AND LIGNITE-----              | 2,805,715 | 2,805,715 | -----                 | -----      |
| 2810 SODIUM HYDROXIDE-----              | 31,421    | -----     | -----                 | 31,421     |
| 2915 RESIDUAL FUEL OIL-----             | 67,150    | -----     | 2,484                 | 64,666     |
| TOTAL TON-MILES, 14,640,001.            |           |           |                       |            |

PANAMA CITY HARBOUR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL, INSIDE BAY AND WATSON BAYOU. PROJECT DEPTH: APPROACH CHANNEL, 36 FEET ACROSS LANDS END; 32 FEET) WATSON BAYOU, 10 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|-----------|------------|-----------|-----------|------------|
| 1978----- | 1,545,372 | 7,700      | 1983----- | 1,596,263 | 110,800    |
| 1979----- | 1,431,952 | 57,190     | 1984----- | 1,398,840 | 141,200    |
| 1980----- | 1,639,428 | 81,286     | 1985----- | 1,615,519 | 141,500    |
| 1981----- | 1,582,723 | 114,026    | 1986----- | 2,786,990 | 185,049    |
| 1982----- | 1,542,931 | 166,610    | 1987----- | 2,647,400 | 167,132    |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL     | FOREIGN |         | DOMESTIC  |           |
|--|-----------|---------|---------|-----------|-----------|
|  |           | IMPORTS | EXPORTS | INTERNAL  |           |
|  |           |         |         | RECEIPTS  | SHIPMENTS |
| TOTAL-----                               | 2,647,400 | 43,370  | 445,994 | 2,012,410 | 133,123   |
| 0111 SOYBEANS-----                       | 4,166     | -----   | 4,166   | -----     | -----     |
| 0133 COFFEE-----                         | 191       | 191     | -----   | -----     | -----     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 188       | -----   | 188     | -----     | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 19        | -----   | 19      | -----     | -----     |
| 1121 COAL AND LIGNITE-----               | 822,017   | -----   | 822,017 | -----     | -----     |
| 1462 SAND, GRAVEL, CRUSHED ROCK-----     | 150,459   | -----   | 150,459 | -----     | -----     |
| 1451 CLAY-----                           | 20,790    | 2,026   | -----   | -----     | 18,773    |
| 1499 NONMETALLIC MINERALS, NEC-----      | 1,610     | -----   | 195     | 1,415     | -----     |
| 2031 FISH AND SHELLFISH, PREPARED-----   | 4         | 4       | -----   | -----     | -----     |
| 2034 VEGETABLES AND PREP., NEC-----      | 426       | -----   | 426     | -----     | -----     |
| 2042 ANIMAL FEEDS-----                   | 15,831    | -----   | 2,906   | -----     | 12,925    |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 37,582    | -----   | 37,582  | -----     | -----     |
| 2081 ALCOHOLIC BEVERAGES-----            | 83        | 83      | -----   | -----     | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 680       | -----   | 671     | -----     | 17        |
| 2094 GROCERIES-----                      | 1         | -----   | 1       | -----     | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 13        | 13      | -----   | -----     | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----         | 12        | 7       | 5       | -----     | -----     |
| 2411 LOGS-----                           | 23        | 23      | -----   | -----     | -----     |
| 2814 TIMBER, POSTS, POLES, PILING-----   | 24        | 24      | -----   | -----     | -----     |
| 2421 LUMBER-----                         | 11,212    | 11,212  | -----   | -----     | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 744       | 744     | -----   | -----     | -----     |
| 2491 WOOD MANUFACTURES, NEC-----         | 51        | -----   | 51      | -----     | -----     |
| 2511 FURNITURE AND FIXTURES-----         | 23        | 23      | -----   | -----     | -----     |
| 2611 PULP-----                           | 199,331   | -----   | 199,331 | -----     | -----     |
| 2631 PAPER AND PAPERBOARD-----           | 221,392   | -----   | 188,955 | -----     | 32,437    |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 5,808     | -----   | 5,808   | -----     | -----     |
| 2813 ALCOHOLS-----                       | 30,957    | -----   | 30,957  | -----     | -----     |
| 2817 BENZENE AND TOLUENE-----            | 5,056     | -----   | 5,056   | -----     | -----     |
| 2819 BASIC CHEMICALS AND PHOS, NEC-----  | 4,762     | 1,190   | 60      | 3,512     | -----     |
| 2821 PLASTIC MATERIALS-----              | 405       | 2       | 403     | -----     | -----     |
| 2831 DRUGS-----                          | 12        | -----   | 12      | -----     | -----     |
| 2841 SOAP-----                           | 21        | 21      | -----   | -----     | -----     |
| 2851 PAINTS-----                         | 48        | -----   | 48      | -----     | -----     |
| 2861 GUM AND WOOD CHEMICALS-----         | 3,585     | -----   | 3,585   | -----     | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 1,146     | -----   | 1,146   | -----     | -----     |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 6         | -----   | 6       | -----     | -----     |
| 2879 FERTILIZERS AND MATERIALS, NEC----- | 5,865     | -----   | 5,865   | -----     | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 1,236     | -----   | 241     | 995       | -----     |

*Waterborne Commerce of the United States, 1987*

PANAMA CITY HARBOUR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | FOREIGN |         | DOMESTIC |           | LOCAL |  |
|---|---------|---------|---------|----------|-----------|-------|--|
|   |         | IMPORTS | EXPORTS | INTERNAL |           |       |  |
|   |         |         |         | RECEIPTS | SHIPMENTS |       |  |
| 2911 GASOLINE-----                      | 493,390 | -----   | -----   | 480,094  | 7,450     | 5,846 |  |
| 2912 JET FUEL-----                      | 8,532   | -----   | -----   | 8,532    | -----     | ----- |  |
| 2914 DISTILLATE FUEL OIL-----           | 243,579 | -----   | -----   | 225,070  | 11,852    | 6,657 |  |
| 2915 RESIDUAL FUEL OIL-----             | 63,124  | -----   | -----   | 59,844   | 3,280     | ----- |  |
| 2916 LUBRICATING OILS AND GREASES-----  | 70,644  | -----   | 7       | 70,637   | -----     | ----- |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 14,681  | -----   | -----   | 14,681   | -----     | ----- |  |
| 2920 COKE, PETROLEUM COKE-----          | 54      | -----   | 54      | -----    | -----     | ----- |  |
| 2921 LIQUEFIED GASES-----               | 8,591   | -----   | -----   | 8,591    | -----     | ----- |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 33      | 26      | 7       | -----    | -----     | ----- |  |
| 3211 GLASS AND GLASS PRODUCTS-----      | 6       | 5       | 1       | -----    | -----     | ----- |  |
| 3241 BUILDING CEMENT-----               | 87,405  | -----   | -----   | 86,353   | 1,052     | ----- |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 32      | -----   | 32      | -----    | -----     | ----- |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 1       | 1       | -----   | -----    | -----     | ----- |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 14,946  | -----   | -----   | 14,946   | -----     | ----- |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 16,859  | 16,859  | -----   | -----    | -----     | ----- |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 16,828  | -----   | -----   | 16,828   | -----     | ----- |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 26,259  | 4,991   | 36      | 81       | 21,151    | ----- |  |
| 3321 NONFERROUS METALS, NEC-----        | 43      | -----   | 43      | -----    | -----     | ----- |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 3,128   | 3,076   | 52      | -----    | -----     | ----- |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 5,456   | 67      | 210     | 1,620    | 3,539     | ----- |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 9       | 1       | 8       | -----    | -----     | ----- |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 2,899   | 2,700   | 151     | -----    | -----     | ----- |  |
| 3731 SHIPS AND BOATS-----               | 52      | -----   | 52      | -----    | -----     | ----- |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 140     | -----   | 140     | -----    | -----     | ----- |  |
| 3811 INSTN, TIME, PHOT, OPT GOODS-----  | 5       | 1       | 0       | -----    | -----     | ----- |  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 203     | 3       | -----   | 150      | 50        | ----- |  |
| 4011 IRON AND STEEL SCRAP-----          | 3,579   | -----   | -----   | -----    | 3,579     | ----- |  |
| 4024 PAPER WASTE AND SCRAP-----         | 835     | -----   | 835     | -----    | -----     | ----- |  |
| 4111 WATER-----                         | 18,951  | -----   | -----   | 3,484    | 15,467    | ----- |  |
| 4112 COMMODITIES, NEC-----              | 229     | 9       | 100     | 35       | 85        | ----- |  |
| 4119 EMPTY CONTAINERS-----              | 1,111   | -----   | -----   | 1,111    | -----     | ----- |  |
| TOTAL TON-MILES, 9,868,299.             |         |         |         |          |           |       |  |

WATSON BAYOU, FLA. (INCLUDED IN TRAFFIC OF  
PANAMA CITY HARBOUR, FLA.)

SECTION INCLUDED: FROM PANAMA CITY HARBOUR TO HIGHWAY BRIDGE ACROSS BAYOU, ABOUT 1.7 MILES. PROJECT DEPTHS: 30 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 377,074 | 1983----- | 736,082 |
| 1979----- | 368,518 | 1984----- | 570,751 |
| 1980----- | 387,593 | 1985----- | 522,201 |
| 1981----- | 384,426 | 1986----- | 779,665 |
| 1982----- | 760,688 | 1987----- | 763,265 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |           | LOCAL  |
|---|---------|----------|-----------|--------|
|   |         | RECEIPTS | SHIPMENTS |        |
| TOTAL-----                              | 763,265 | 731,546  | 19,216    | 12,503 |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 150,459 | 150,459  | -----     | -----  |
| 2011 CRUDE TAR, OIL, GAS PRODUCTS-----  | 5,808   | 5,808    | -----     | -----  |
| 2013 ALCOHOLS-----                      | 15,304  | 15,304   | -----     | -----  |
| 2017 HEYZENE AND TOLUENE-----           | 5,056   | 5,056    | -----     | -----  |
| 2019 BASIC CHEMICALS AND PROD, NEC----- | 3,512   | 3,512    | -----     | -----  |
| 2011 GASOLINE-----                      | 332,548 | 319,252  | 7,450     | 5,846  |
| 2014 DISTILLATE FUEL OIL-----           | 132,821 | 117,678  | 8,486     | 6,657  |
| 2915 RESIDUAL FUEL OIL-----             | 3,280   | -----    | 3,280     | -----  |
| 2016 LUBRICATING OILS AND GREASES-----  | 13,583  | 13,583   | -----     | -----  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 14,681  | 14,681   | -----     | -----  |
| 3241 BUILDING CEMENT-----               | 86,213  | 86,213   | -----     | -----  |
| TOTAL TON-MILES, 1,189,630.             |         |          |           |        |

## MOBILE, AL, DISTRICT

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ESCAMBIA AND CONECHU RIVERS, FLA. AND ALA.,  
ESCAMBIA BAY, FLA.

SECTION INCLUDED: FROM THE 10-FOOT CONTOUR IN ESCAMBIA BAY TO MILE 7 ABOVE THE MOUTH OF ESCAMBIA RIVER, FLA. PROJECT DEPTH: 10 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,779,180 | 1981----- | 1,775,000 |
| 1979----- | 1,996,131 | 1982----- | 2,098,060 |
| 1980----- | 1,920,625 | 1983----- | 1,939,716 |
| 1981----- | 2,361,638 | 1984----- | 1,875,974 |
| 1982----- | 1,576,019 | 1985----- | 2,401,110 |
|           |           | 1986----- |           |
|           |           | 1987----- |           |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | COASTWISE | INTERNAL  |          |
|---|-----------|-----------|-----------|----------|
|   |           | SHIPMENTS | INBOUND   | OUTBOUND |
| TOTAL-----                              | 2,401,110 | 250       | 2,399,817 | 1,003    |
| 1121 COAL AND LIGNITE-----              | 2,131,543 | -----     | 2,131,543 | -----    |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 183,994   | -----     | 183,994   | -----    |
| 2915 RESIDUAL FUEL OIL-----             | 1,702     | -----     | 1,702     | -----    |
| 2921 LIQUEFIED GASES-----               | 66,833    | -----     | 66,833    | -----    |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 16,788    | -----     | 15,745    | 1,003    |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 250       | 250       | -----     | -----    |
| TOTAL TON-MILES, 48,524,967.            |           |           |           |          |

## PENSACOLA HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL AND ENTIRE HARBOR, INCLUDING BAYOJ CHICO. PROJECT DEPTH: ENTRANCE, 35 FEET; INNER HARBOR, 33 FEET; BAYOJ CHICO, 15 AND 14 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS | YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS |
|-----------|-----------------------|---------------|--------------|------------|-----------|-----------------------|---------------|--------------|------------|
| 1978----- | 3,064,040             | -----         | 3,064,040    | 30         | 1981----- | 1,773,728             | -----         | 1,773,728    | -----      |
| 1979----- | 2,456,708             | -----         | 2,456,708    | -----      | 1984----- | 1,256,705             | -----         | 1,256,705    | -----      |
| 1980----- | 2,458,151             | -----         | 2,458,151    | -----      | 1985----- | 1,315,391             | -----         | 1,315,391    | -----      |
| 1981----- | 1,930,858             | -----         | 1,930,858    | -----      | 1986----- | 1,936,584             | -----         | 1,936,584    | -----      |
| 1982----- | 1,713,935             | -----         | 1,713,935    | -----      | 1987----- | 1,576,881             | -----         | 1,576,881    | -----      |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN   |           | DOMESTIC  |           |           |         |
|---|-----------|-----------|-----------|-----------|-----------|-----------|---------|
|   |           | IMPORTS   | EXPORTS   | COASTWISE | DOMESTIC  | INTERNAL  |         |
|   |           | SHIPMENTS | SHIPMENTS | SHIPMENTS | SHIPMENTS | SHIPMENTS |         |
| TOTAL-----                              | 1,576,881 | 41,809    | 263,937   | 63,769    | 61,534    | 773,531   | 352,301 |
| 0105 RICE-----                          | 20,169    | -----     | 20,169    | -----     | -----     | -----     | -----   |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 1,103     | -----     | 1,103     | -----     | -----     | -----     | -----   |
| 1441 LIMESTONE-----                     | 1,641     | -----     | 1,641     | -----     | -----     | 1,641     | -----   |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 22,890    | -----     | 22,890    | -----     | -----     | 22,890    | -----   |
| 1493 SULPHUR, LIQUID-----               | 176,478   | -----     | 176,478   | -----     | 7,318     | -----     | 169,160 |
| 2022 DRIED MILK AND CREAM-----          | 6,023     | -----     | 6,023     | -----     | -----     | -----     | -----   |
| 2034 VEGETABLES AND PREP, NEC-----      | 20        | 20        | 20        | -----     | -----     | -----     | -----   |
| 2059 PREP FRUIT AND VEG JUICE, NEC----- | 17        | 17        | 17        | -----     | -----     | -----     | -----   |
| 2081 WHEAT FLOUR AND SEMOLINA-----      | 179,700   | -----     | 179,700   | -----     | -----     | -----     | -----   |
| 2089 GRAIN MILL PRODUCTS, NEC-----      | 23,738    | -----     | 23,738    | -----     | -----     | -----     | -----   |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 3,476     | -----     | 247       | -----     | -----     | -----     | 3,229   |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 41,073    | -----     | 32,148    | -----     | -----     | -----     | 8,925   |
| 2611 PULP-----                          | 52        | 52        | 52        | -----     | -----     | -----     | -----   |
| 2631 PAPER AND PAPERBOARD-----          | 571       | 571       | 571       | -----     | -----     | -----     | -----   |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 11,891    | 1,504     | 1,504     | -----     | -----     | 6,836     | 3,151   |
| 2821 PLASTIC MATERIALS-----             | 18        | 18        | 18        | -----     | -----     | -----     | -----   |
| 2822 SYNTHETIC RUBBER-----              | 14        | 14        | 14        | -----     | -----     | -----     | -----   |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----   | 53        | 53        | 53        | -----     | -----     | -----     | -----   |
| 2841 SOAP-----                          | 5         | 5         | 5         | -----     | -----     | -----     | -----   |
| 2861 GUM AND WOOD CHEMICALS-----        | 5,737     | -----     | 5,737     | -----     | -----     | -----     | 5,737   |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 79,299    | 30,988    | 30,988    | -----     | -----     | -----     | 48,311  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 3,296     | -----     | 3,296     | -----     | -----     | 3,296     | -----   |
| 2911 GASOLINE-----                      | 611,307   | -----     | 611,307   | -----     | 342       | 403,451   | 7,514   |
| 2912 JET FUEL-----                      | 50,335    | -----     | 50,335    | -----     | -----     | 50,335    | -----   |
| 2914 DISTILLATE FUEL OIL-----           | 130,845   | -----     | 130,845   | -----     | 23,172    | 99,116    | 8,587   |
| 2915 RESIDUAL FUEL OIL-----             | 150,638   | -----     | 150,638   | 83,769    | 30,702    | 34,631    | 9,536   |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 5,500     | -----     | 5,500     | -----     | -----     | 5,500     | -----   |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 88,978    | -----     | 88,978    | -----     | -----     | 81,616    | 3,350   |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 48,170    | -----     | 48,170    | -----     | -----     | 48,170    | -----   |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 936       | -----     | 936       | -----     | -----     | 936       | -----   |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 1,048     | -----     | 1,048     | -----     | -----     | 1,048     | -----   |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 1,250     | -----     | 1,250     | -----     | -----     | 1,250     | -----   |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 12,815    | -----     | 12,815    | -----     | -----     | 12,815    | -----   |

## Waterborne Commerce of the United States, 1987

PENSACOLA HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL  | FOREIGN |         | DOMESTIC  |           |          |           |
|---|--------|---------|---------|-----------|-----------|----------|-----------|
|   |        | IMPORTS | EXPORTS | COASTWISE |           | INTERNAL |           |
|   |        |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 67     | -----   | 67      | -----     | -----     | -----    | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 14     | -----   | 14      | -----     | -----     | -----    | -----     |
| 3811 INSTR, TIME, PHOT, OPT GOODS-----  | 4      | -----   | 4       | -----     | -----     | -----    | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 82,393 | -----   | -----   | -----     | -----     | -----    | 82,393    |
| 4112 COMMODITIES, NEC-----              | 11,720 | 9,280   | 10      | -----     | -----     | -----    | 2,430     |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 1      | -----   | 1       | -----     | -----     | -----    | -----     |
| TOTAL TON-MILES, 35,257,991.            |        |         |         |           |           |          |           |

MOBILE HARBOR, ALA.

SECTION INCLUDED: ENTRANCE, BAY AND RIVER CHANNELS, AND CHANNELS INTO CHICKASAW AND THREE MILE CREEKS. PROJECT ENTRANCE, 42 FEET; BAY AND RIVER, 40 FEET; BRANCH CHANNELS, 25 TO 27 FEET; INCLUDING THEODORE SHIP CHANNEL, CONTROLLING DEPTH, 40 FEET; PROJECT DEPTH, 40 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1978----- | 36,260,857 | 122        | 1983----- | 29,690,361 | -----      |
| 1979----- | 35,265,204 | -----      | 1984----- | 35,718,226 | -----      |
| 1980----- | 37,568,968 | -----      | 1985----- | 37,749,120 | 91         |
| 1981----- | 37,611,045 | 256,960    | 1986----- | 37,575,509 | 38         |
| 1982----- | 32,320,845 | -----      | 1987----- | 32,384,082 | -----      |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL      | FOREIGN   |            | DOMESTIC  |           |            |           | LOCAL   |  |
|--|------------|-----------|------------|-----------|-----------|------------|-----------|---------|--|
|  |            | IMPORTS   | EXPORTS    | COASTWISE |           | INTERNAL   |           |         |  |
|  |            |           |            | RECEIPTS  | SHIPMENTS | RECEIPTS   | SHIPMENTS |         |  |
| TOTAL-----                               | 32,380,042 | 4,621,784 | 10,560,999 | 67,591    | 915,720   | 10,898,414 | 4,796,206 | 519,328 |  |
| 0101 COTTON, RA-----                     | 3,235      | -----     | 3,235      | -----     | -----     | -----      | -----     | -----   |  |
| 0103 CORN-----                           | 576,547    | -----     | 574,459    | -----     | 4,088     | -----      | -----     | -----   |  |
| 0105 RICE-----                           | 1,708      | -----     | 1,708      | -----     | -----     | -----      | -----     | -----   |  |
| 0106 SORGHUM GRAINS-----                 | 200,293    | -----     | 189,844    | -----     | -----     | -----      | -----     | -----   |  |
| 0107 MEAT-----                           | 96,909     | -----     | 65,881     | -----     | -----     | 13,202     | 13,675    | 1,151   |  |
| 0111 SOYBEANS-----                       | 1,152,571  | -----     | 1,064,500  | -----     | -----     | 79,987     | 8,084     | -----   |  |
| 0119 OILSEEDS, NEC-----                  | 1,666      | -----     | 1,666      | -----     | -----     | -----      | -----     | -----   |  |
| 0121 TOBACCO, LEAF-----                  | 19         | 15        | 4          | -----     | -----     | -----      | -----     | -----   |  |
| 0129 FIELD CROPS, NEC-----               | 145        | 135       | 10         | -----     | -----     | -----      | -----     | -----   |  |
| 0131 FRESH FRUITS-----                   | 101        | -----     | 101        | -----     | -----     | -----      | -----     | -----   |  |
| 0133 COFFEE-----                         | 117        | 117       | -----      | -----     | -----     | -----      | -----     | -----   |  |
| 0141 FRESH AND FROZEN VEGETABLES-----    | 52,678     | 22        | 52,656     | -----     | -----     | -----      | -----     | -----   |  |
| 0161 ANIMALS AND PRODUCTS, NEC-----      | 2,403      | 25        | 2,378      | -----     | -----     | -----      | -----     | -----   |  |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 1,401      | 182       | -----      | -----     | 1,212     | -----      | -----     | -----   |  |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----   | 7,224      | 7,224     | -----      | -----     | -----     | -----      | -----     | -----   |  |
| 0861 FOREST PRODUCTS, NEC-----           | 228        | 143       | 85         | -----     | -----     | -----      | -----     | -----   |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 350        | 309       | -----      | -----     | 41        | -----      | -----     | -----   |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 83         | 83        | -----      | -----     | -----     | -----      | -----     | -----   |  |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 364,240    | -----     | -----      | -----     | 333,600   | 30,640     | -----     | -----   |  |
| 1011 IRON ORE AND CONCENTRATES-----      | 1,353,431  | 1,231,701 | -----      | -----     | -----     | 121,730    | -----     | -----   |  |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 125,260    | 110       | 118,592    | -----     | 5,045     | 1,515      | -----     | -----   |  |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 41,714     | 22,577    | 7,096      | -----     | 870       | 11,371     | -----     | -----   |  |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 148,275    | 148,275   | -----      | -----     | -----     | -----      | -----     | -----   |  |
| 1121 COAL AND LIGNITE-----               | 10,681,667 | 155,224   | 7,084,764  | 25,111    | 13,706    | 3,259,426  | 134,511   | 8,925   |  |
| 1311 CRUDE PETROLEUM-----                | 4,230,072  | 828,076   | -----      | -----     | 10,494    | 1,211,157  | 2,066,360 | 113,985 |  |
| 1411 LIMESTONE-----                      | 67,441     | -----     | -----      | -----     | -----     | 65,800     | 1,641     | -----   |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 947,424    | 39,784    | 788        | -----     | 5,359     | 776,097    | 100,818   | 28,578  |  |
| 1451 CLAY-----                           | 64,899     | 7,751     | 28,007     | -----     | -----     | 29,141     | -----     | -----   |  |
| 1471 PHOSPHATE ROCK-----                 | 20         | -----     | 20         | -----     | -----     | -----      | -----     | -----   |  |
| 1492 SULPHUR, DRY-----                   | 154        | -----     | 154        | -----     | -----     | -----      | -----     | -----   |  |
| 1498 GYPSUM, CRUDE AND PLASTERS-----     | 219,926    | 136,350   | -----      | -----     | -----     | 2,513      | 81,063    | -----   |  |
| 1499 NONMETALLIC MINERALS, NEC-----      | 4,688      | 3,244     | 354        | -----     | 1,090     | -----      | -----     | -----   |  |
| 1911 ORDNANCE AND ACCESSORIES-----       | 1          | 1         | -----      | -----     | -----     | -----      | -----     | -----   |  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----   | 65         | 44        | 21         | -----     | -----     | -----      | -----     | -----   |  |
| 2012 MEAT AND PRODUCTS, NEC-----         | 1,745      | 1,727     | 18         | -----     | -----     | -----      | -----     | -----   |  |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 1,950      | -----     | 1,950      | -----     | -----     | -----      | -----     | -----   |  |
| 2015 ANIMAL BY-PRODUCTS, NEC-----        | 58         | -----     | 58         | -----     | -----     | -----      | -----     | -----   |  |
| 2022 DRIED MILK AND CREAM-----           | 1,003      | -----     | 1,003      | -----     | -----     | -----      | -----     | -----   |  |
| 2031 FISH AND SHELLFISH, PREPARED-----   | 1,007      | 104       | -----      | 1,303     | -----     | -----      | -----     | -----   |  |
| 2034 VEGETABLES AND PREP., NEC-----      | 528        | 290       | 238        | -----     | -----     | -----      | -----     | -----   |  |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----  | 6,165      | 6,153     | 12         | -----     | -----     | -----      | -----     | -----   |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 3,272      | -----     | 3,272      | -----     | -----     | -----      | -----     | -----   |  |
| 2042 ANIMAL FEEDS-----                   | 10,815     | -----     | 285        | -----     | -----     | 2,810      | 7,720     | -----   |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 2,256      | 37        | 2,219      | -----     | -----     | -----      | -----     | -----   |  |
| 2062 MOLASSES-----                       | 18,124     | 11,258    | -----      | -----     | -----     | 6,866      | -----     | -----   |  |
| 2081 ALCOHOLIC BEVERAGES-----            | 8,242      | 6,104     | 2,138      | -----     | -----     | -----      | -----     | -----   |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 42,486     | 103       | 61         | -----     | 21,141    | 19,988     | 1,195     | -----   |  |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 5,726      | -----     | -----      | -----     | -----     | -----      | 5,726     | -----   |  |
| 2095 ICE-----                            | 214        | 214       | -----      | -----     | -----     | -----      | -----     | -----   |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 24,449     | 525       | 1,880      | -----     | 22,044    | -----      | -----     | -----   |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 767        | 375       | 392        | -----     | -----     | -----      | -----     | -----   |  |
| 2311 APPAREL-----                        | 731        | 75        | 602        | -----     | 56        | -----      | -----     | -----   |  |
| 2411 LOGS-----                           | 54,776     | 768       | 516        | 792       | 52,700    | -----      | -----     | -----   |  |

MOBILE HARBOR, ALA.--CONTINUED  
FREIGHT TRAFFIC, 1967--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN |         | DOMESTIC  |           |           |           | LOCAL   |  |
|---|-----------|---------|---------|-----------|-----------|-----------|-----------|---------|--|
|   |           | IMPORTS | EXPORTS | COASTWISE |           | INTERNAL  |           |         |  |
|   |           |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |         |  |
| 2413 FUEL WOOD, CHARCOAL, WASTES-----   | 20        |         | 20      |           |           |           |           |         |  |
| 2414 TIMBER, POSTS, POLES, PILING-----  | 34,053    |         | 17,155  |           | 15,498    | 1,800     |           |         |  |
| 2415 PULPWOOD, LUG-----                 | 2,154,109 |         |         |           |           | 2,154,109 |           |         |  |
| 2416 WOOD CHIPS, SAVES, HOLDINGS-----   | 308,559   | 154     |         |           |           | 307,412   | 993       |         |  |
| 2421 LUMBER-----                        | 285,826   | 56,336  | 198,447 |           | 31,043    |           |           |         |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 152,045   | 1,910   | 146,220 |           | 3,915     |           |           |         |  |
| 2491 WOOD MANUFACTURES, NEC-----        | 53,705    | 11,525  | 18,650  |           | 23,526    |           |           |         |  |
| 2511 FURNITURE AND FIXTURES-----        | 5,150     | 697     | 51      |           | 6,402     |           |           |         |  |
| 2611 PULP-----                          | 618,177   | 105,431 | 512,246 |           |           |           | 500       |         |  |
| 2621 STANDARD NEWSPRINT PAPER-----      | 6,806     | 6,122   | 684     |           |           |           |           |         |  |
| 2631 PAPER AND PAPERBOARD-----          | 200,452   | 14,358  | 186,073 | 21        |           |           |           |         |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 15,277    | 78      | 247     |           | 14,952    |           |           |         |  |
| 2711 PRINTED MATTER-----                | 800       | 1       | 571     |           | 220       |           |           |         |  |
| 2810 SODIUM HYDROXIDE-----              | 177,610   |         |         |           |           | 157,365   | 20,245    |         |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 57        | 57      |         |           |           |           |           |         |  |
| 2813 ALCOHOLS-----                      | 3,906     | 22      | 23      |           |           | 3,861     |           |         |  |
| 2819 BASIC CHEMICALS AND PHD, NEC-----  | 267,070   | 114,958 | 33,184  |           | 3,841     | 36,685    | 78,113    | 1,089   |  |
| 2821 PLASTIC MATERIALS-----             | 10,041    | 483     | 5,325   |           |           | 4,233     |           |         |  |
| 2822 SYNTHETIC RUBBER-----              | 22,389    | 4       | 8,856   |           |           | 11,205    | 2,284     |         |  |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----   | 2,886     | 86      | 2,800   |           |           |           |           |         |  |
| 2831 DRUGS-----                         | 448       |         | 448     |           |           |           |           |         |  |
| 2841 SOAP-----                          | 3,058     | 132     | 75      |           |           | 2,851     |           |         |  |
| 2851 PAINTS-----                        | 832       | 802     | 30      |           |           |           |           |         |  |
| 2861 GUM AND WOOD CHEMICALS-----        | 40,038    | 126     | 1,695   |           |           | 38,215    |           |         |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 12,688    | 165     | 948     |           |           | 10,180    | 1,395     |         |  |
| 2872 POTASSIUM CHEM FERTILIZERS-----    | 156,970   | 80,856  | 3,697   |           |           |           | 72,017    |         |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 4         |         | 4       |           |           |           |           |         |  |
| 2876 INSECTICIDES, DISINFECTANTS-----   | 4,077     | 1,504   | 2,573   |           |           |           |           |         |  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 4,888     |         |         |           |           |           | 4,888     |         |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 1,492     | 438     | 1,054   |           |           |           |           |         |  |
| 2911 GASOLINE-----                      | 1,173,418 |         |         |           | 20,839    | 605,752   | 456,018   | 90,009  |  |
| 2912 JET FUEL-----                      | 161,474   |         | 65,582  |           | 60,972    |           | 34,920    |         |  |
| 2913 KEROSENE-----                      | 51,026    |         |         |           | 16,353    |           | 35,073    |         |  |
| 2914 DISTILLATE FUEL OIL-----           | 649,401   | 59,174  | 42,851  |           | 170,874   | 177,225   | 173,632   | 21,645  |  |
| 2915 RESIDUAL FUEL OIL-----             | 1,609,125 | 260,540 |         | 35,017    | 195,693   | 689,018   | 301,025   | 127,032 |  |
| 2916 LUBRICATING OILS AND GREASES-----  | 7,842     | 2       | 487     |           | 1,353     |           | 6,000     |         |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 187,854   |         |         |           | 751       | 9,368     | 177,735   |         |  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 1,059,250 | 26,740  | 325     | 6,104     | 187,686   | 503,367   | 247,680   | 87,306  |  |
| 2920 COKE, PETROLEUM COKE-----          | 99,160    |         | 40,371  |           |           | 52,972    | 5,817     |         |  |
| 2951 ASPHALT BUILDING MATERIALS-----    | 218       |         | 218     |           |           |           |           |         |  |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 301,519   | 1       | 58      |           | 17        | 208,251   | 51,186    | 42,006  |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 3,331     | 1,501   | 1,126   |           | 704       |           |           |         |  |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 41        | 41      |         |           |           |           |           |         |  |
| 3211 GLASS AND GLASS PRODUCTS-----      | 313       | 251     | 62      |           |           |           |           |         |  |
| 3241 BUILDING CEMENT-----               | 855,220   | 605,039 |         |           | 59,367    |           | 190,814   |         |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 4,688     | 1,228   | 3,460   |           |           |           |           |         |  |
| 3281 CUT STONE AND STONE PRODUCTS-----  | 336       | 333     | 3       |           |           |           |           |         |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 4,774     | 66      | 2,721   |           | 1,987     |           |           |         |  |
| 3312 SLAG-----                          | 21,952    |         |         |           |           | 21,952    |           |         |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 519,319   | 311,583 | 1,644   |           | 1,073     | 3,644     | 201,415   |         |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 152,089   | 148,578 | 3,106   |           | 5         | 400       |           |         |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 4,870     | 2,515   | 1,931   |           |           | 424       |           |         |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 186,252   | 64,774  | 13,625  | 32        |           | 19,613    | 88,208    |         |  |
| 3318 FERROALLOYS-----                   | 22,155    | 7,842   |         |           |           | 7,547     | 6,766     |         |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 25,548    | 420     | 811     |           | 4,757     | 2,279     | 17,281    |         |  |
| 3321 NONFERROUS METALS, NEC-----        | 127       | 94      | 33      |           |           |           |           |         |  |
| 3322 COPPER ALLOYS, UNWORKED-----       | 649       | 639     | 10      |           |           |           |           |         |  |
| 3323 LEAD AND ZINC, UNWORKED-----       | 19        | 19      |         |           |           |           |           |         |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 47,100    | 46,416  | 31      |           |           | 653       |           |         |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 54,334    | 44,916  | 5,065   |           | 4,138     | 200       | 15        |         |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 15,200    | 11,816  | 2,271   |           | 1,067     | 46        |           |         |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 12,749    | 5,763   | 6,686   | 1         | 299       |           |           |         |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 2,709     | 2,307   | 402     |           |           |           |           |         |  |
| 3721 AIRCRAFT AND PARTS-----            | 95        |         | 95      |           |           |           |           |         |  |
| 3731 SHIPS AND BOATS-----               | 835       | 417     | 288     |           |           |           | 130       |         |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 584       | 310     | 69      |           | 205       |           |           |         |  |
| 3811 INSTN, TIME, PHOTO, OPT GOODS----- | 168       | 129     | 39      |           |           |           |           |         |  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 2,088     | 344     | 304     | 2         | 1,413     | 25        |           |         |  |
| 4011 IRON AND STEEL SCRAP-----          | 40,063    |         | 10,223  |           |           | 7,157     | 22,683    |         |  |
| 4012 NONFERROUS METAL SCRAP-----        | 5,919     | 4,833   | 851     |           |           | 235       |           |         |  |
| 4022 TEXTILE WASTE, SCRAP, SHRED-----   | 33        |         | 33      |           |           |           |           |         |  |
| 4024 PAPER WASTE AND SCRAP-----         | 3,104     |         | 3,104   |           |           |           |           |         |  |
| 4029 WASTE AND SCRAP, NEC-----          | 2,146     |         |         |           |           | 657       | 1,489     |         |  |
| 4112 COMMODITIES, NEC-----              | 16,755    | 7,983   | 1,779   |           | 4,518     |           | 2,875     |         |  |
| 4119 EMPTY CONTAINERS-----              | 5         |         |         |           | 5         |           |           |         |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 277       |         | 277     |           |           |           |           |         |  |

TOTAL TON-MILES, 1,008,875,515.

## Waterborne Commerce of the United States, 1987

THREE MILE CREEK, ALA. (INCLUDED IN  
TRAFFIC OF MOBILE HARBOR, ALA.)

SECTION INCLUDED: LOWER 1.4 MILES OF CREEK AND INDUSTRIAL CANAL. PROJECT DEPTHS: IMPROVED BY STATE OF ALABAMA.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 8,673,825 | 1983----- | 1,362,264 |
| 1979----- | 3,594,964 | 1984----- | 439,661   |
| 1980----- | 3,960,940 | 1985----- | 748,773   |
| 1981----- | 3,544,006 | 1986----- | 1,396,153 |
| 1982----- | 2,595,258 | 1987----- | 358,661   |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL   | FOREIGN |                     | DOMESTIC INTERNAL |           | LOCAL  |
|---|---------|---------|---------------------|-------------------|-----------|--------|
|   |         | IMPORTS | COASTWISE SHIPMENTS | RECEIPTS          | SHIPMENTS |        |
|   |         |         |                     | 172,711           | 143,879   |        |
| TOTAL-----                              | 358,641 | 2,590   | 13,706              | 172,711           | 143,879   | 25,755 |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 81      | -----   | -----               | 41                | -----     | -----  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 55,707  | -----   | -----               | 29,250            | 26,457    | -----  |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 1,100   | -----   | -----               | -----             | 1,100     | -----  |
| 1121 COAL AND LIGNITE-----              | 131,307 | -----   | 13,706              | 29,355            | 88,246    | -----  |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----    | 71,080  | -----   | -----               | 50,813            | -----     | 20,267 |
| 1451 CLAY-----                          | 8,297   | -----   | -----               | 8,297             | -----     | -----  |
| 1494 CEMENT, CRUDE AND PLASTERS-----    | 9,806   | -----   | -----               | -----             | 9,806     | -----  |
| 2061 ALCOHOLIC BEVERAGES-----           | 59      | 59      | -----               | -----             | -----     | -----  |
| 2411 LOGS-----                          | 52,700  | -----   | -----               | 52,700            | -----     | -----  |
| 2511 FURNITURE AND FIXTURES-----        | 2       | 2       | -----               | -----             | -----     | -----  |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 304     | 304     | -----               | -----             | -----     | -----  |
| 2821 PLASTIC MATERIALS-----             | 1       | 1       | -----               | -----             | -----     | -----  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 2,808   | -----   | -----               | -----             | 2,808     | -----  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 2,079   | -----   | -----               | -----             | 2,079     | -----  |
| 2915 RESIDUAL FUEL OIL-----             | 5,488   | -----   | -----               | -----             | -----     | 5,488  |
| 2920 COKE, PETROLEUM COKE-----          | 2,255   | -----   | -----               | 2,255             | -----     | -----  |
| 3211 GLASS AND GLASS PRODUCTS-----      | 1       | 1       | -----               | -----             | -----     | -----  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 1,965   | 1,965   | -----               | -----             | -----     | -----  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 1       | 1       | -----               | -----             | -----     | -----  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 167     | 167     | -----               | -----             | -----     | -----  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 70      | 70      | -----               | -----             | -----     | -----  |
| 3811 INSTR, TIME, PHOTO, OPT GOODS----- | 8       | 8       | -----               | -----             | -----     | -----  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 11      | 11      | -----               | -----             | -----     | -----  |
| 4011 IRON AND STEEL SCRAP-----          | 13,383  | -----   | -----               | -----             | 13,383    | -----  |
| 4112 COMMODITIES, NEC-----              | 1       | 1       | -----               | -----             | -----     | -----  |
| TOTAL TON-MILES, 401,261.               |         |         |                     |                   |           |        |

CHICKASAW CREEK, ALA. (INCLUDED IN  
TRAFFIC OF MOBILE HARBOR, ALA.)

SECTION INCLUDED: MOUTH TO 600 FEET SOUTH OF SHELL BAYOU IN CREEK. PROJECT DEPTH: 25 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 2,226,553 | 1983----- | 2,882,415 |
| 1979----- | 2,219,677 | 1984----- | 3,874,123 |
| 1980----- | 2,030,348 | 1985----- | 4,764,157 |
| 1981----- | 2,084,529 | 1986----- | 6,301,070 |
| 1982----- | 2,561,146 | 1987----- | 5,698,309 |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN |         | DOMESTIC INTERNAL   |           | LOCAL     |
|---|-----------|---------|---------|---------------------|-----------|-----------|
|   |           | IMPORTS | EXPORTS | COASTWISE SHIPMENTS | RECEIPTS  |           |
|   |           |         |         |                     | SHIPMENTS |           |
| TOTAL-----                              | 5,698,309 | 35,462  | 18,313  | 140,917             | 8,027,908 | 1,145,467 |
| 0103 CORN-----                          | 46        | 46      | -----   | -----               | -----     | -----     |
| 0191 MISCELLANEOUS FARM PRODUCTS-----   | 7         | 7       | -----   | -----               | -----     | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 18,000    | -----   | -----   | 18,000              | -----     | -----     |
| 1121 COAL AND LIGNITE-----              | 245,051   | -----   | -----   | 245,451             | -----     | -----     |
| 1311 CRUDE PETROLEUM-----               | 1,457,675 | -----   | -----   | 1,186,886           | 223,763   | 45,028    |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----    | 18        | 18      | -----   | -----               | -----     | -----     |
| 1451 CLAY-----                          | 359       | 359     | -----   | -----               | -----     | -----     |
| 2012 MEAT AND PRODUCTS, NEC-----        | 5         | 5       | -----   | -----               | -----     | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 104       | 104     | -----   | -----               | -----     | -----     |
| 2042 ANIMAL FEEDS-----                  | 45        | 45      | -----   | -----               | -----     | -----     |
| 2099 GRAIN MILL PRODUCTS, NEC-----      | 40        | 40      | -----   | -----               | -----     | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 15        | 15      | -----   | -----               | -----     | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 4         | 4       | -----   | -----               | -----     | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----        | 29        | 29      | -----   | -----               | -----     | -----     |
| 2014 TIMBER, PUSHS, POLES, PILING-----  | 5,330     | 5,330   | -----   | -----               | -----     | -----     |
| 2015 PULPWOOD, LOGS-----                | 2,154,109 | -----   | -----   | 2,154,109           | -----     | -----     |
| 2016 WOOD CHIPS, STAVES, HOLDINGS-----  | 92,407    | -----   | -----   | 91,414              | 993       | -----     |

CHICKASAW CREEK, ALA. (INCLUDED IN  
TRAFFIC OF MOBILE HARBOR, ALA.)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL       | FOREIGN |         | DOMESTIC INTERNAL |           |          | LOCAL  |  |
|---|-------------|---------|---------|-------------------|-----------|----------|--------|--|
|   |             | IMPORTS | EXPORTS | COASTWISE         |           | RECEIPTS |        |  |
|   |             |         |         | SHIPMENTS         | SHIPMENTS |          |        |  |
| 2421 LUMBER-----                        | 25,621      | 25,382  | 239     | -----             | -----     | -----    | -----  |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 103         | 17      | 86      | -----             | -----     | -----    | -----  |  |
| 2491 WOOD MANUFACTURES, NEC-----        | 13          | -----   | 13      | -----             | -----     | -----    | -----  |  |
| 2511 FURNITURE AND FIXTURES-----        | 5           | -----   | 5       | -----             | -----     | -----    | -----  |  |
| 2621 STANDARD NEWSPRINT PAPER-----      | 88          | -----   | 88      | -----             | -----     | -----    | -----  |  |
| 2631 PAPER AND PAPERBOARD-----          | 5,317       | -----   | 5,317   | -----             | -----     | -----    | -----  |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 21          | -----   | 21      | -----             | -----     | -----    | -----  |  |
| 2810 SODIUM HYDROXIDE-----              | 170,380     | -----   | -----   | 151,287           | 19,093    | -----    | -----  |  |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 79,332      | -----   | 248     | -----             | 1,283     | 76,712   | 1,089  |  |
| 2821 PLASTIC MATERIALS-----             | 106         | -----   | 106     | -----             | -----     | -----    | -----  |  |
| 2822 SYNTHETIC RUBBER-----              | 199         | -----   | 199     | -----             | -----     | -----    | -----  |  |
| 2841 SOAP-----                          | 1           | -----   | 1       | -----             | -----     | -----    | -----  |  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 1,625       | -----   | -----   | -----             | -----     | 1,625    | -----  |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 176         | -----   | 176     | -----             | -----     | -----    | -----  |  |
| 2911 GASOLINE-----                      | 525,165     | -----   | -----   | 3,064             | 79,131    | 360,603  | 82,367 |  |
| 2912 JET FUEL-----                      | 84,495      | -----   | -----   | 49,575            | -----     | 34,920   | -----  |  |
| 2913 KEROSENE-----                      | 16,353      | -----   | -----   | 16,353            | -----     | -----    | -----  |  |
| 2914 DISTILLATE FUEL OIL-----           | 231,660     | -----   | -----   | 68,752            | 51,739    | 96,778   | 14,411 |  |
| 2915 RESIDUAL FUEL OIL-----             | 188,756     | -----   | -----   | -----             | 19,452    | 79,025   | 90,279 |  |
| 2916 LUBRICATING OILS AND GREASES-----  | 6,009       | -----   | 9       | -----             | -----     | 6,000    | -----  |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 140,922     | -----   | -----   | -----             | 9,368     | 131,554  | -----  |  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 140,408     | -----   | -----   | 3,173             | 8,456     | 63,085   | 65,694 |  |
| 2977 COKE, PETROLEUM COKE-----          | 2,800       | -----   | -----   | -----             | 2,800     | -----    | -----  |  |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 82,560      | -----   | -----   | -----             | -----     | 51,186   | 31,374 |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 24          | -----   | 24      | -----             | -----     | -----    | -----  |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 3           | -----   | 3       | -----             | -----     | -----    | -----  |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 18          | -----   | 18      | -----             | -----     | -----    | -----  |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 1           | -----   | 1       | -----             | -----     | -----    | -----  |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 10,759      | -----   | 4,225   | -----             | 6,534     | -----    | -----  |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 1           | -----   | 1       | -----             | -----     | -----    | -----  |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 822         | -----   | 822     | -----             | -----     | -----    | -----  |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 281         | 2       | 279     | -----             | -----     | -----    | -----  |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 2,393       | 2,362   | 31      | -----             | -----     | -----    | -----  |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 25          | -----   | 25      | -----             | -----     | -----    | -----  |  |
| 3731 SHIPS AND BOATS-----               | 348         | -----   | 218     | -----             | -----     | 130      | -----  |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 19          | -----   | 19      | -----             | -----     | -----    | -----  |  |
| 4024 PAPER WASTE AND SCRAP-----         | 61          | -----   | 61      | -----             | -----     | -----    | -----  |  |
| 4112 COMMODITIES, NEC-----              | 7,725       | 7,692   | 33      | -----             | -----     | -----    | -----  |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 50          | -----   | 50      | -----             | -----     | -----    | -----  |  |
| TOTAL TON-MILES,                        | 11,729,989. |         |         |                   |           |          |        |  |

## ALABAMA-COUSA RIVERS, ALA. AND GA.

SECTION INCLUDED: MOUTH TO METUMPKA, ALA. PROJECT DEPTH: MOUTH TO METUMPKA, 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,966,674 | 1983----- | 2,605,642 |
| 1979----- | 2,028,366 | 1984----- | 3,950,558 |
| 1980----- | 1,501,448 | 1985----- | 3,798,846 |
| 1981----- | 2,159,397 | 1986----- | 4,087,357 |
| 1982----- | 2,508,383 | 1987----- | 2,179,917 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                            | TOTAL        | INTERNAL | INTERNAL  |          |         |           |
|--------------------------------------|--------------|----------|-----------|----------|---------|-----------|
|                                      |              |          | INBOUND   | OUTBOUND | UPBOUND | DOWNBOUND |
| TOTAL-----                           | 2,179,917    | 45,652   | 1,541,957 | 189,816  | 402,492 | -----     |
| 0107 WHEAT-----                      | 1,100        | -----    | 1,100     | -----    | -----   | -----     |
| 0111 SOYBEANS-----                   | 9,576        | -----    | 9,576     | -----    | -----   | -----     |
| 1311 CRUDE PETROLEUM-----            | 3,000        | -----    | 3,000     | -----    | -----   | -----     |
| 1642 SAND, GRAVEL, CRUSHED ROCK----- | 1,426,885    | -----    | 838,952   | 185,081  | 402,492 | -----     |
| 1694 GYPSUM, CRUDE AND PLASTERS----- | 1,977        | 1,977    | -----     | -----    | -----   | -----     |
| 2011 LOGS-----                       | 15,875       | -----    | 14,125    | 1,750    | -----   | -----     |
| 2015 PULPWOOD, LOGS-----             | 677,547      | 3,500    | 671,422   | 2,625    | -----   | -----     |
| 2491 WOOD MANUFACTURES, NEC-----     | 2,562        | -----    | 2,562     | -----    | -----   | -----     |
| 2613 ALCOHOLS-----                   | 14,158       | 14,158   | -----     | -----    | -----   | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----  | 10,081       | 10,081   | -----     | -----    | -----   | -----     |
| 2915 RESIDUAL FUEL OIL-----          | 9,743        | 9,743    | -----     | -----    | -----   | -----     |
| 3312 SLAG-----                       | 6,193        | 6,193    | -----     | -----    | -----   | -----     |
| 8112 COMMODITIES, NEC-----           | 1,220        | -----    | 1,220     | -----    | -----   | -----     |
| TOTAL TON-MILES,                     | 245,043,968. |          |           |          |         |           |

## Waterborne Commerce of the United States, 1987

## BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.

SECTION INCLUDED: MOUTH OF CHICKASAW CREEK TO MILE 429.6 ON MULBERRY FORK, MILE 430.0 ON SIPSEY FORK, AND MILE 407.5 ON LOCUST FORK OF THE BLACK WARRIOR RIVER. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 14,600,815 | 1983----- | 14,676,788 |
| 1979----- | 15,311,328 | 1984----- | 19,603,949 |
| 1980----- | 16,708,082 | 1985----- | 18,887,906 |
| 1981----- | 15,962,211 | 1986----- | 17,870,712 |
| 1982----- | 15,159,692 | 1987----- | 16,757,982 |

## FREIGHT TRAFFIC, 1987

## OCEANGOING

(SHORT TONS)

| COMMODITY                              | TOTAL    | DOMESTIC COASTWISE |           |         |           |
|--|----------|--------------------|-----------|---------|-----------|
|  |          | RECEIPTS           | SHIPMENTS | THROUGH |           |
|  |          |                    |           | UPBOUND | DOWNBOUND |
| TOTAL-----                             | 4,621    | 100                | 4,200     | 21      | 300       |
| 2810 SODIUM HYDROXIDE-----             | 4,200    | -----              | 4,200     | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL----- | 121      | 100                | -----     | 21      | -----     |
| 3731 SHIPS AND BOATS-----              | 300      | -----              | -----     | -----   | 300       |
| TON-MILES, OCEANGOING,                 | 350,357. |                    |           |         |           |

## INTERNAL

(SHORT TONS)

| COMMODITY                                | TOTAL      | INBOUND   | OUTBOUND  | UPBOUND | DOWNBOUND | THROUGH |           |
|--|------------|-----------|-----------|---------|-----------|---------|-----------|
|  |            |           |           |         |           | UPBOUND | DOWNBOUND |
| TOTAL-----                               | 16,753,361 | 2,630,394 | 6,651,717 | 66,972  | 3,867,785 | 897,862 | 2,638,631 |
| 0103 CORN-----                           | 13,147     | 13,147    | -----     | -----   | -----     | -----   | -----     |
| 0104 OATS-----                           | 12,322     | -----     | -----     | -----   | 12,322    | -----   | -----     |
| 0106 SORGHUM GRAINS-----                 | 1,468      | -----     | -----     | -----   | -----     | -----   | 1,468     |
| 0107 WHEAT-----                          | 17,757     | -----     | 2,734     | -----   | -----     | 2,207   | 12,816    |
| 0111 SOYBEANS-----                       | 104,051    | -----     | 27,591    | -----   | -----     | -----   | 70,460    |
| 0119 OILSEEDS, NEC-----                  | 300        | -----     | -----     | -----   | -----     | -----   | 300       |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 11,250     | 11,250    | -----     | -----   | -----     | -----   | -----     |
| 1011 IRON ORE AND CONCENTRATES-----      | 13,537     | 13,537    | -----     | -----   | -----     | -----   | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 15,944     | 15,944    | -----     | -----   | -----     | -----   | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 20,778     | 19,378    | 1,400     | -----   | -----     | -----   | -----     |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 1,557      | -----     | -----     | -----   | 1,557     | -----   | -----     |
| 1121 COAL AND LIGNITE-----               | 8,057,870  | 205,635   | 3,431,020 | 35,888  | 3,769,583 | 19,600  | 596,144   |
| 1311 CRUDE PETROLEUM-----                | 623,215    | 346,313   | 274,302   | -----   | -----     | 2,600   | -----     |
| 1411 LIMESTONE-----                      | 219,004    | 17,200    | -----     | -----   | -----     | -----   | 202,204   |
| 1482 SAND, GRAVEL, CRUSHED ROCK-----     | 1,125,501  | 39,077    | -----     | -----   | -----     | 11,600  | 1,074,424 |
| 1451 CLAY-----                           | 20,844     | -----     | -----     | -----   | -----     | -----   | 20,844    |
| 1494 GYPSUM, CRUDE AND PLASTERS-----     | 98,698     | 36,688    | 19,800    | 1,333   | -----     | 40,877  | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----      | 209,514    | 133,270   | -----     | -----   | -----     | 76,244  | -----     |
| 2042 ANIMAL FEEDS-----                   | 22,011     | 11,888    | -----     | -----   | -----     | 10,123  | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 2,838      | -----     | -----     | -----   | -----     | -----   | 2,838     |
| 2611 LOGS-----                           | 162,244    | 20,500    | 47,798    | 4,928   | 81,368    | -----   | 7,650     |
| 2414 TIMBER, POSTS, POLES, PILING-----   | 1,400      | -----     | -----     | -----   | -----     | -----   | 1,400     |
| 2415 PULPWOOD, LOG-----                  | 3,050,854  | 884,525   | 2,016,570 | 3,500   | 5,250     | -----   | 141,039   |
| 2416 WOOD CHIPS, STAVES, HOLDINGS-----   | 335,869    | -----     | -----     | -----   | -----     | -----   | 335,869   |
| 2491 WOOD MANUFACTURES, NEC-----         | 2,562      | 2,562     | -----     | -----   | -----     | -----   | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----       | 999        | -----     | -----     | -----   | -----     | -----   | 999       |
| 2810 SODIUM HYDROXIDE-----               | 331,645    | 199,720   | 90,585    | 14,356  | 11,584    | 15,400  | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 41,148     | 505       | -----     | -----   | -----     | 40,643  | -----     |
| 2813 ALCOHOLS-----                       | 25,058     | 11,551    | -----     | -----   | -----     | 13,507  | -----     |
| 2911 BENZENE AND TOLUENE-----            | 496        | 496       | -----     | -----   | -----     | -----   | -----     |
| 2919 BASIC CHEMICALS AND PROD., NEC----- | 325,750    | 1,401     | 95,829    | -----   | -----     | 226,520 | -----     |
| 2971 NITROGENOUS CHEM FERTILIZERS-----   | 53,851     | 3,033     | -----     | -----   | -----     | 47,616  | 3,200     |
| 2972 POTASSIUM CHEM FERTILIZERS-----     | 16,064     | 1,501     | -----     | -----   | -----     | 14,563  | -----     |
| 2979 FERTILIZER AND MATERIALS, NEC-----  | 50,857     | -----     | -----     | -----   | -----     | 28,559  | 22,290    |
| 2991 GASOLINE-----                       | 148,151    | 1,305     | -----     | -----   | -----     | 146,846 | -----     |
| 2912 JET FUEL-----                       | 66,416     | -----     | 54,519    | -----   | -----     | 11,897  | -----     |
| 2910 DISTILLATE FUEL OIL-----            | 84,706     | 5,364     | 21,264    | -----   | -----     | 38,804  | 17,670    |
| 2915 RESIDUAL FUEL OIL-----              | 282,572    | 15,922    | 236,149   | 4,350   | -----     | 26,151  | -----     |
| 2916 LUBRICATING OILS AND GREASES-----   | 10,730     | 10,730    | -----     | -----   | -----     | -----   | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 65,900     | 12,322    | -----     | -----   | -----     | 1,690   | 51,888    |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 216,925    | 108,532   | 17,552    | -----   | -----     | 90,341  | -----     |
| 2920 COKE, PETROLEUM COKE-----           | 90,961     | 33,572    | 57,389    | -----   | -----     | -----   | -----     |
| 3201 BUILDING CEMENT-----                | 106,077    | 32,415    | 63,662    | -----   | -----     | 10,400  | -----     |
| 3311 PIG IRON-----                       | 12,910     | 12,910    | -----     | -----   | -----     | -----   | -----     |
| 3312 SLAG-----                           | 6,193      | -----     | -----     | -----   | -----     | 6,193   | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 326,424    | 234,762   | 91,662    | -----   | -----     | -----   | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 80,499     | 18,262    | 62,237    | -----   | -----     | -----   | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 416        | 416       | -----     | -----   | -----     | -----   | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 114,863    | 68,208    | 24,038    | 2,617   | -----     | -----   | -----     |
| 3318 FERROALLOYS-----                    | 28,491     | 24,585    | 4,306     | -----   | -----     | -----   | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 16,917     | 13,921    | 2,996     | -----   | -----     | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 175        | 175       | -----     | -----   | -----     | -----   | -----     |
| 4011 IRON AND STEEL SCRAP-----           | 15,464     | -----     | 8,314     | -----   | -----     | -----   | 7,150     |
| 4029 WASTE AND SCRAP, NEC-----           | 23,323     | 23,323    | -----     | -----   | -----     | -----   | -----     |

**MOBILE, AL. DISTRICT**

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BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED

**INTERNAL--CONTINUED**

(SHORT TONS)

| COMMODITY                          | TOTAL         | INBOUND | OUTBOUND | UPBOUND | DOWNBOUND | THROUGH<br>/ UPBOUND | DOWNBOUND |
|------------------------------------|---------------|---------|----------|---------|-----------|----------------------|-----------|
| 4112 COMMODITIES, NEC-----         | 1,220         | -----   | -----    | -----   | -----     | -----                | 1,220     |
| 4118 WATERWAY IMPROVEMENT MAT----- | 63,095        | 4,345   | -----    | -----   | -----     | -----                | 58,750    |
| TON-MILES, INTERNAL-----           | 3,880,481.147 |         |          |         |           |                      |           |

TOYS, ALL TRAFFIC, 16,757,952.  
TOY-MILES, ALL TRAFFIC, 3,881,031,524.

## TENNESSEE TOMBIGBEE WATERWAY

SECTION INCLUDED: TOTAL LENGTH OF WATERWAY 233.7 MILES. HAS THREE SECTIONS: RIVER SECTION 149.3 MILES LONG. CHANNEL DIMENSION FOR RIVER 9 FEET BY 300 FEET. (4 LOCKS). CANAL SECTION 45.6 MILES LONG; 12 BY 300 FOOT CHANNEL. (5 LOCKS). DIVIDE CUT 38.8 MILES LONG; 12 BY 200 FOOT CHANNEL. (1 LOCK). TOTAL LIFT OF ALL 10 LOCKS, 341 FEET. PROJECT DEPTH: 9 FEET

CUMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS  | YEAR      | TONS      |
|-----------|-------|-----------|-----------|
| 1978----- | ----- | 1983----- | -----     |
| 1979----- | ----- | 1984----- | -----     |
| 1980----- | ----- | 1985----- | 1,358,260 |
| 1981----- | ----- | 1986----- | 3,664,332 |
| 1982----- | ----- | 1987----- | 3,647,320 |

**FREIGHT TRAFFIC, 1987**

DOMESTIC

(SHORT TONS)

| COMMODITY                                    | TOTAL     | CUAUTLA RIVER |           | INTERNAL |          |           |         |           |
|--|-----------|---------------|-----------|----------|----------|-----------|---------|-----------|
|  |           | THROUGH       |           | UPBOUND  |          | DOWNBOUND |         |           |
|  |           | UPBOUND       | DOWNBOUND | INBOUND  | OUTBOUND | DOWNBOUND | UPBOUND |           |
| TOTAL-----                                   | 3,647,320 | 21            | 300       | 398,341  | 900,061  | 1,800     | 919,380 | 1,827,817 |
| 0103 CORN-----                               | 6,938     | -----         | -----     | 4,065    | -----    | -----     | -----   | 2,873     |
| 0104 OATS-----                               | 12,322    | -----         | -----     | 12,322   | -----    | -----     | -----   | -----     |
| 0106 SORGHUM GRAINS-----                     | 1,468     | -----         | -----     | -----    | 1,468    | -----     | -----   | -----     |
| 0107 WHEAT-----                              | 13,923    | -----         | -----     | 2,207    | 11,716   | -----     | -----   | -----     |
| 0111 SOYBEANS-----                           | 93,026    | -----         | -----     | -----    | 91,652   | -----     | -----   | 1,374     |
| 0119 OILSEEDS, NEC-----                      | 300       | -----         | -----     | -----    | 300      | -----     | -----   | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 5,915     | -----         | -----     | 2,965    | 2,950    | -----     | -----   | -----     |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 1,557     | -----         | -----     | -----    | -----    | 1,557     | -----   | -----     |
| 1121 COAL AND LIGNITE-----                   | 976,203   | -----         | -----     | 87,268   | 2,800    | -----     | 107,657 | 770,478   |
| 1311 CRUDE PETROLEUM-----                    | 5,859     | -----         | -----     | -----    | -----    | -----     | 5,859   | -----     |
| 1411 LIMESTONE-----                          | 221,904   | -----         | -----     | 2,500    | -----    | -----     | -----   | 219,404   |
| 1482 SAND, GRAVEL, CRUSHED ROCK-----         | 369,549   | -----         | -----     | 74,000   | 23,040   | -----     | 11,600  | 260,909   |
| 1485 CLAY-----                               | 20,844    | -----         | -----     | -----    | 20,844   | -----     | -----   | -----     |
| 1494 GYPSUM, CRUDE AND PLASTERS-----         | 60,100    | -----         | -----     | 22,800   | 1,400    | -----     | 35,900  | -----     |
| 1899 NOVMETALLIC MINERALS, NEC-----          | 76,244    | -----         | -----     | 59,996   | -----    | -----     | 16,248  | -----     |
| 2062 ANIMAL FEEDS-----                       | 10,123    | -----         | -----     | -----    | -----    | -----     | 10,123  | -----     |
| 2069 GRAIN MILL PRODUCTS, NEC-----           | 2,838     | -----         | -----     | -----    | -----    | -----     | -----   | 2,838     |
| 2411 LOGS-----                               | 14,025    | -----         | -----     | -----    | 3,700    | -----     | -----   | -----     |
| 2412 TIMBER, PIGTS, PILES, PILING-----       | 1,400     | -----         | -----     | -----    | 1,400    | -----     | -----   | 10,325    |
| 2415 PULPWOOD, LUG-----                      | 355,542   | -----         | -----     | -----    | 354,142  | 1,800     | -----   | -----     |
| 2416 WOOD CHIPS, STAVES, MOLDINGS-----       | 383,013   | -----         | 999       | -----    | 378,774  | -----     | -----   | 4,239     |
| 2621 STANDARD NEWSPRINT PAPER-----           | -----     | -----         | -----     | -----    | -----    | -----     | -----   | 999       |
| 2819 SODIUM HYDROXIDE-----                   | 30,400    | -----         | -----     | -----    | -----    | -----     | 30,400  | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----       | 40,643    | -----         | -----     | -----    | -----    | -----     | 40,643  | -----     |
| 2813 ALCOHOLS-----                           | 1,400     | -----         | -----     | -----    | -----    | -----     | 1,400   | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC-----      | 241,363   | -----         | -----     | -----    | -----    | -----     | 241,363 | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----       | 50,810    | -----         | -----     | -----    | -----    | -----     | 47,618  | 3,200     |
| 2872 POTASSIC CHEM FERTILIZERS-----          | 5,977     | -----         | -----     | 5,977    | -----    | -----     | -----   | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC-----      | 50,857    | -----         | -----     | 23,672   | -----    | -----     | 27,185  | -----     |
| 2911 GASOLINE-----                           | 146,846   | -----         | -----     | -----    | -----    | -----     | 146,846 | -----     |
| 2912 JET FUEL-----                           | 11,897    | -----         | -----     | -----    | -----    | -----     | 11,897  | -----     |
| 2914 DISTILLATE FUEL OIL-----                | 58,070    | -----         | -----     | -----    | -----    | -----     | 38,404  | 19,670    |
| 2915 RESIDUAL FUEL OIL-----                  | 16,408    | -----         | -----     | -----    | -----    | -----     | 16,408  | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----        | 53,578    | -----         | -----     | -----    | -----    | -----     | 1,690   | 51,888    |
| 2919 ASPHALT, TAR, AND PITCHES-----          | 112,138   | -----         | -----     | 59,201   | -----    | -----     | 45,812  | 7,125     |
| 3281 BUILDING CEMENT-----                    | 37,000    | -----         | -----     | -----    | -----    | -----     | -----   | 37,000    |
| 3310 IRON AND STEEL PRIMARY FORMS-----       | 16,176    | -----         | -----     | 10,448   | -----    | -----     | 5,728   | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----      | 63,959    | -----         | -----     | 7,233    | -----    | -----     | 36,726  | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-----      | 3,377     | -----         | -----     | 3,377    | -----    | -----     | -----   | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----       | 1,316     | -----         | -----     | -----    | -----    | -----     | 1,316   | -----     |
| 3411 FABRICATED METAL PRODUCTS-----          | 125       | -----         | -----     | -----    | 125      | -----     | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----       | 21        | 21            | -----     | -----    | -----    | -----     | -----   | -----     |
| 3751 SHIPS AND BOATS-----                    | 300       | -----         | 300       | -----    | -----    | -----     | -----   | -----     |
| 4011 IRON AND STEEL SCRAP-----               | 7,150     | -----         | -----     | -----    | 5,750    | -----     | -----   | 1,400     |
| 4019 WATERWAY IMPROVEMENT MAT-----           | 85,405    | -----         | -----     | 20,310   | -----    | -----     | -----   | 63,095    |

## Waterborne Commerce of the United States, 1987

## PASCAGOULA HARBOR, MISS.

SECTION INCLUDED: LOWER 4 MILES OF DOG RIVER AND LOWER 6.8 MILES OF PASCAGOULA RIVER, MISSISSIPPI SOUND, BAYOU CABOTTE, AND HORN ISLAND PASS CHANNELS. PROJECT DEPTH: HORN ISLAND PASS, 40 FEET; MISSISSIPPI SOUND AND RIVER TO L & N RAILROAD BRIDGE, 38 FEET; MISSISSIPPI SOUND AND BAYOU CABOTTE, 38 FEET; L & N RAILROAD BRIDGE TO STATE HIGHWAY 63 BRIDGE, 22 FEET; STATE HIGHWAY 63 BRIDGE TO MILE 4 ON DOG RIVER, 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 25,244,343 | 1983----- | 20,327,662 |
| 1979----- | 25,289,493 | 1984----- | 24,153,100 |
| 1980----- | 25,433,560 | 1985----- | 20,005,614 |
| 1981----- | 26,362,566 | 1986----- | 23,699,885 |
| 1982----- | 19,157,414 | 1987----- | 27,024,815 |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL      | FOREIGN    |           | DOMESTIC  |           |           |           | LOCAL  |  |
|--|------------|------------|-----------|-----------|-----------|-----------|-----------|--------|--|
|  |            | IMPORTS    | EXPORTS   | COASTWISE |           | INTERNAL  |           |        |  |
|  |            |            |           | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |        |  |
| TOTAL-----                               | 27,824,815 | 14,466,236 | 3,003,333 | 59,712    | 5,139,664 | 1,018,675 | 4,115,570 | 21,625 |  |
| 0101 COTTON, RAW-----                    | 20         | 20         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0103 CORN-----                           | 657,712    | 635,389    | -----     | -----     | -----     | 20,923    | 1,400     | -----  |  |
| 0105 RICE-----                           | 1,732      | 1,732      | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0106 SORGHUM GRAINS-----                 | 197,039    | 162,570    | -----     | -----     | -----     | 1,653     | 32,816    | -----  |  |
| 0107 WHEAT-----                          | 201,185    | 113,472    | -----     | -----     | -----     | 79,773    | 7,900     | -----  |  |
| 0111 SOYBEANS-----                       | 317,680    | 265,742    | -----     | -----     | -----     | 47,221    | 4,717     | -----  |  |
| 0119 OILSEEDS, NEC-----                  | 447        | 447        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0129 FIELD CROPS, NEC-----               | 21         | 21         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0141 FRESH AND FROZEN VEGETABLES-----    | 289        | 289        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----   | 69,153     | 69,153     | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 11,450     | 965        | -----     | -----     | -----     | 10,485    | -----     | -----  |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 321        | -----      | -----     | -----     | -----     | 321       | -----     | -----  |  |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 28,500     | -----      | -----     | -----     | -----     | 28,500    | -----     | -----  |  |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 3,046      | -----      | -----     | -----     | -----     | -----     | 3,046     | -----  |  |
| 1311 CRUDE PETROLEUM-----                | 14,271,671 | 14,271,671 | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 1411 LIMESTONE-----                      | 16,900     | -----      | -----     | -----     | -----     | 16,900    | -----     | -----  |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 39,186     | 24         | -----     | -----     | -----     | 39,162    | -----     | -----  |  |
| 1451 CLAY-----                           | 636        | 636        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 1471 PHOSPHATE ROCK-----                 | 42,035     | 5,527      | 36,508    | -----     | -----     | -----     | -----     | -----  |  |
| 1493 SULPHUR, LIQUID-----                | 260,456    | -----      | -----     | 194,836   | 2,910     | 62,710    | -----     | -----  |  |
| 1499 GYPSUM, CRUDE AND PLASTERS-----     | 32,143     | -----      | -----     | -----     | -----     | 32,143    | -----     | -----  |  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----   | 26,523     | 26,523     | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2012 MEAT AND PRODUCTS, NEC-----         | 20         | 20         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2015 ANIMAL BY-PRODUCTS, NEC-----        | 20         | 20         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2021 DAIRY PRODUCTS, NEC-----            | 1,297      | 1,297      | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2022 DRIED MILK AND CREAM-----           | 3,574      | 3,574      | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 5,675      | 5,675      | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2042 ANIMAL FEEDS-----                   | 747        | -----      | -----     | 767       | -----     | -----     | -----     | -----  |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 4,519      | 1,877      | -----     | -----     | 1,450     | 1,192     | -----     | -----  |  |
| 2062 MOLASSES-----                       | 1,346      | -----      | -----     | -----     | -----     | 1,346     | -----     | -----  |  |
| 2091 VEGETABLE OILS, HARV, SHORT-----    | 2,153      | 974        | -----     | -----     | 1,179     | -----     | -----     | -----  |  |
| 2095 ICE-----                            | 2,241      | -----      | -----     | -----     | -----     | 2,241     | -----     | -----  |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 8,261      | 145        | 6,066     | -----     | 1,650     | -----     | -----     | -----  |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 101        | 98         | 3         | -----     | -----     | -----     | -----     | -----  |  |
| 2212 TEXTILE FIBERS, NEC-----            | 13         | -----      | 13        | -----     | -----     | -----     | -----     | -----  |  |
| 2311 APPAREL-----                        | 712        | 262        | 450       | -----     | -----     | -----     | -----     | -----  |  |
| 2416 WOOD CHIPS, STAVES, MOLDINGS-----   | 29,450     | -----      | -----     | -----     | 29,450    | -----     | -----     | -----  |  |
| 2421 LUMBER-----                         | 39,269     | 39,269     | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 12         | 12         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2491 WOOD MANUFACTURES, NEC-----         | 22         | 22         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2611 PULP-----                           | 155,963    | 613        | 88,532    | -----     | -----     | 106,618   | -----     | -----  |  |
| 2621 STAVARD NEWSPRINT PAPER-----        | 24,483     | 24,483     | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2631 PAPER AND PAPERBOARD-----           | 5,337      | 5,331      | 6         | -----     | -----     | -----     | -----     | -----  |  |
| 2810 SODIUM HYDROXIDE-----               | 46,616     | -----      | -----     | -----     | 68,616    | -----     | -----     | -----  |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 3,046      | -----      | -----     | -----     | 3,046     | -----     | -----     | -----  |  |
| 2812 DYES, PIGMENT, TANNING MATS-----    | 2          | 2          | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2817 BENZENE AND TOLUENE-----            | 131,485    | -----      | -----     | -----     | 116,874   | 15,011    | -----     | -----  |  |
| 2818 SULPHURIC ACID-----                 | 239,008    | -----      | -----     | -----     | 126,773   | 114,235   | -----     | -----  |  |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 275,031    | 13,200     | 105,077   | 4,581     | 42,361    | 109,832   | -----     | -----  |  |
| 2821 PLASTIC MATERIALS-----              | 101        | 101        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2822 SYNTHETIC RUBBER-----               | 48,232     | -----      | 27        | -----     | 36,875    | 11,730    | -----     | -----  |  |
| 2831 DRUGS-----                          | 9          | 9          | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2881 SOAP-----                           | 38         | 38         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2851 PAINTS-----                         | 659        | 659        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2861 GUM AND WOOD CHEMICALS-----         | 60,543     | -----      | -----     | -----     | 31,434    | 29,109    | -----     | -----  |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 24,547     | -----      | -----     | -----     | 5,000     | 19,547    | -----     | -----  |  |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 58,784     | -----      | -----     | -----     | 51,598    | 7,106     | -----     | -----  |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 1,364      | -----      | -----     | -----     | 1,364     | -----     | -----     | -----  |  |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 101        | 97         | 4         | -----     | -----     | -----     | -----     | -----  |  |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 107,129    | -----      | 189       | -----     | 8,782     | 91,059    | 7,009     | -----  |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 169        | 169        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2911 GASOLINE-----                       | 3,820,003  | -----      | 85,622    | 1,602     | 2,511,097 | 66,619    | 1,152,803 | -----  |  |
| 2912 JET FUEL-----                       | 1,126,419  | -----      | 46,306    | -----     | 803,359   | -----     | 236,754   | -----  |  |
| 2914 DISTILLATE FUEL OIL-----            | 1,980,944  | -----      | 139,553   | -----     | 1,265,264 | 45,349    | 536,252   | 14,526 |  |
| 2915 RESIDUAL FUEL OIL-----              | 569,163    | 27,906     | -----     | 20,426    | 227,262   | 52,034    | 241,533   | -----  |  |
| 2916 LUBRICATING OILS AND GREASES-----   | 25,605     | -----      | 9,001     | -----     | -----     | -----     | 16,604    | -----  |  |
| 2917 VAPATHA, PETROLEUM SOLVENTS-----    | 75,010     | -----      | -----     | -----     | -----     | 15,528    | 59,482    | -----  |  |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 717,163    | -----      | -----     | -----     | 6,796     | -----     | 710,367   | -----  |  |
| 2920 COKE, PETROLEUM COKE-----           | 1,315,894  | -----      | 1,282,438 | -----     | -----     | -----     | 33,456    | -----  |  |
| 2921 LIQUEFIED GASES-----                | 340,986    | -----      | -----     | 1,024     | 105,612   | 53,994    | 100,356   | -----  |  |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 293,436    | -----      | 3,266     | -----     | -----     | 21,755    | 268,815   | -----  |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 815        | 326        | 89        | -----     | -----     | -----     | -----     | -----  |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 9,458      | -----      | -----     | -----     | -----     | -----     | 9,458     | -----  |  |
| 3291 VISC NONMETALLIC MINERAL PROD-----  | 8          | 8          | 8         | -----     | -----     | -----     | -----     | -----  |  |

## MOBILE, AL, DISTRICT

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PASCAGOULA HARBOR, MISS.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL  | FOREIGN |         | DOMESTIC  |           |          |           | LOCAL |  |
|--|--------|---------|---------|-----------|-----------|----------|-----------|-------|--|
|  |        | IMPORTS | EXPORTS | COASTWISE |           | INTERNAL |           |       |  |
|  |        |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |       |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 3,555  | 3,555   | -----   | -----     | -----     | 5,800    | 424       | ----- |  |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 6,224  | -----   | -----   | -----     | -----     | -----    | -----     | ----- |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 6,572  | 6,445   | 127     | -----     | -----     | -----    | -----     | ----- |  |
| 3321 NONFERROUS METALS, NEC-----         | 440    | 5       | 435     | -----     | -----     | -----    | -----     | ----- |  |
| 3324 ALUMINUM AND ALLOYS, DILVERSED----- | 643    | 9       | 634     | -----     | -----     | -----    | -----     | ----- |  |
| 3411 FABRICATED METAL PRODUCTS-----      | 926    | 258     | 10      | 150       | -----     | -----    | 500       | ----- |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 3,353  | 30      | 1,723   | -----     | -----     | 1,600    | -----     | ----- |  |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 140    | 24      | 116     | -----     | -----     | -----    | -----     | ----- |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 2,473  | 2,351   | 122     | -----     | -----     | -----    | -----     | ----- |  |
| 3731 SHIPS AND BOATS-----                | 6,171  | 16      | 5,250   | 897       | -----     | -----    | -----     | ----- |  |
| 3791 MISC TRANSPORTATION EQUIPMENT-----  | 11     | -----   | 11      | -----     | -----     | -----    | -----     | ----- |  |
| 3811 INSTR, TIME, PHOTO, OPT GOODS-----  | 5      | 3       | 2       | -----     | -----     | -----    | -----     | ----- |  |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 5,389  | 7       | -----   | -----     | -----     | 1,709    | 3,673     | ----- |  |
| 4029 WASTE AND SCRAP, NEC-----           | 11,555 | -----   | -----   | -----     | -----     | -----    | 11,555    | ----- |  |
| 8112 COMMODITIES, NEC-----               | 49     | 1       | 28      | -----     | -----     | 20       | -----     | ----- |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI-----  | 581    | -----   | 581     | -----     | -----     | -----    | -----     | ----- |  |
| TOTAL TON-MILES: 184,438,151.            |        |         |         |           |           |          |           |       |  |

BAYOU CASOTTE, MISS. (INCLUDED IN TRAFFIC OF  
PASCAGOULA HARBOR, MISS.)

SECTION INCLUDED: ENTRANCE (SOUND) CHANNEL AND LOWER 1.2 MILES IN BAYOU. PROJECT DEPTH: ENTRANCE AND BAYOU, 36 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 20,621,503 | 1983----- | 19,492,924 |
| 1979----- | 20,399,587 | 1984----- | 22,718,917 |
| 1980----- | 20,970,090 | 1985----- | 18,117,677 |
| 1981----- | 23,508,224 | 1986----- | 22,100,761 |
| 1982----- | 17,469,092 | 1987----- | 26,007,471 |

## FREIGHT TRAFFIC, 1987

| COMMODITY                               | TOTAL      | FOREIGN    |           | DOMESTIC  |           |           |           | LOCAL  |  |
|---|------------|------------|-----------|-----------|-----------|-----------|-----------|--------|--|
|   |            | IMPORTS    | EXPORTS   | COASTWISE |           | INTERNAL  |           |        |  |
|   |            |            |           | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |        |  |
| TOTAL-----                              | 26,007,471 | 14,367,807 | 1,882,949 | 59,562    | 5,138,767 | 646,360   | 3,890,401 | 21,625 |  |
| 0101 COTTON, RAHM-----                  | 20         | 20         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0103 CORN-----                          | 52,473     | 52,473     | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0106 SORGHUM GRAINS-----                | 34,580     | 34,580     | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0107 WHEAT-----                         | 16,703     | -----      | -----     | -----     | 16,703    | -----     | -----     | -----  |  |
| 0111 SOYBEANS-----                      | 27,971     | -----      | 27,971    | -----     | -----     | -----     | -----     | -----  |  |
| 0119 OILSEEDS, NEC-----                 | 425        | 425        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0129 FIELD CROPS, NEC-----              | 21         | 21         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----  | 62,225     | 62,225     | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 22,000     | -----      | -----     | -----     | 22,000    | -----     | -----     | -----  |  |
| 1311 CRUDE PETROLEUM-----               | 14,223,567 | 14,223,567 | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----    | 24         | 24         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 1451 CLAY-----                          | 636        | 636        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 1471 PHOSPHATE ROCK-----                | 41,997     | 5,889      | 36,508    | -----     | -----     | -----     | -----     | -----  |  |
| 1493 SULPHUR, LIQUID-----               | 260,456    | -----      | -----     | 198,836   | 2,910     | 62,710    | -----     | 32,143 |  |
| 1090 GYPSUM, CRUDE AND PLASTERS-----    | 32,143     | -----      | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2012 MEAT AND PRODUCTS, NEC-----        | 20         | 20         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2015 ANIMAL BY-PRODUCTS, NEC-----       | 20         | 20         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2081 WHEAT FLOUR AND SEMOLINA-----      | 1,894      | -----      | 1,894     | -----     | -----     | -----     | -----     | -----  |  |
| 2099 VISCERALEOUS FOOD PRODUCTS-----    | 4,126      | 34         | 4,092     | -----     | -----     | -----     | -----     | -----  |  |
| 2211 BASIC TEXTILE PRODUCTS-----        | 100        | 98         | 2         | -----     | -----     | -----     | -----     | -----  |  |
| 2311 APPAREL-----                       | 102        | 47         | 55        | -----     | -----     | -----     | -----     | -----  |  |
| 2421 LUMBER-----                        | 1,048      | 1,048      | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 12         | 12         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2491 WOOD MANUFACTURES, NEC-----        | 22         | 22         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2611 PULP-----                          | 48,532     | -----      | 48,532    | -----     | -----     | -----     | -----     | -----  |  |
| 2621 STANDARD NEWSPRINT PAPER-----      | 21,210     | 21,210     | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2631 PAPER AND PAPERBOARD-----          | 5,072      | 5,072      | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2610 SODIUM HYDROXIDE-----              | 9,994      | -----      | -----     | -----     | 9,994     | -----     | -----     | -----  |  |
| 2611 CRUDE TAR, OIL, GAS PRODUCTS-----  | 3,046      | -----      | -----     | -----     | 3,046     | -----     | -----     | -----  |  |
| 2617 BENZENE AND TOLUENE-----           | 131,485    | -----      | -----     | -----     | 116,474   | 15,011    | -----     | -----  |  |
| 2618 SULPHURIC ACID-----                | 239,708    | -----      | -----     | -----     | 124,773   | 114,235   | -----     | -----  |  |
| 2619 BASIC CHEMICALS AND PROD, NEC----- | 265,242    | 13,200     | 96,988    | 4,561     | 40,701    | 109,832   | -----     | -----  |  |
| 2621 PLASTIC MATERIALS-----             | 1          | 1          | 1         | -----     | -----     | -----     | -----     | -----  |  |
| 2651 PAINTS-----                        | 659        | 659        | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2671 NITROGENOUS CHEM FERTILIZERS-----  | 24,547     | -----      | -----     | -----     | 5,000     | 19,547    | -----     | -----  |  |
| 2672 POTASSIC CHEM FERTILIZERS-----     | 46,125     | -----      | -----     | -----     | 38,939    | 7,186     | -----     | -----  |  |
| 2673 PHOSPHATIC CHEM FERTILIZERS-----   | 1,364      | -----      | -----     | -----     | 1,364     | -----     | -----     | -----  |  |
| 2676 INSECTICIDES, DISINFECTANTS-----   | 101        | 97         | 4         | -----     | -----     | -----     | -----     | -----  |  |
| 2679 FERTILIZER AND MATERIALS, NEC----- | 96,356     | -----      | -----     | -----     | 7,157     | 82,100    | 7,099     | -----  |  |
| 2691 VISCERALEOUS CHEMICAL PROD-----    | 26         | 26         | -----     | -----     | -----     | -----     | -----     | -----  |  |
| 2911 GASOLINE-----                      | 3,820,000  | 85,819     | 1,602     | 2,511,097 | 66,619    | 1,152,863 | -----     | -----  |  |
| 2912 JET FUEL-----                      | 1,126,419  | -----      | 86,306    | 803,359   | -----     | 236,754   | -----     | -----  |  |
| 2914 DISTILLATE FUEL OIL-----           | 1,980,944  | -----      | 139,553   | 1,245,244 | 45,369    | 536,252   | 14,526    | -----  |  |
| 2915 RESIDUAL FUEL OIL-----             | 569,163    | 27,906     | -----     | 20,428    | 227,262   | 52,034    | 241,533   | -----  |  |

## Waterborne Commerce of the United States, 1987

BAYOU CASOTTE, MISS. (INCLUDED IN TRAFFIC OF  
PASCAGOULA HARBOR, MISS.)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL        | FOREIGN   |           | DOMESTIC  |           |          |           | LOCAL   |  |
|--|--------------|-----------|-----------|-----------|-----------|----------|-----------|---------|--|
|  |              | IMPORTS   | EXPORTS   | COASTWISE |           | INTERNAL |           |         |  |
|  |              | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |         |  |
| 2916 LUBRICATING OILS AND GREASES-----   | 25,605       | -----     | 9,001     | -----     | -----     | -----    | 16,604    | -----   |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 75,010       | -----     | -----     | -----     | 15,528    | 59,482   | -----     | -----   |  |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 717,163      | -----     | -----     | 6,796     | -----     | 710,367  | 33,456    | -----   |  |
| 2920 COKE, PETROLEUM COKE-----           | 1,315,734    | 1,202,438 | -----     | -----     | -----     | -----    | 21,755    | 268,015 |  |
| 2921 LIQUEFIED GASES-----                | 380,416      | -----     | 1,024     | .45,112   | 53,994    | 100,356  | -----     | -----   |  |
| 2991 PETROLEUM AND COAL PROD., NEC-----  | 293,415      | 3,245     | -----     | -----     | -----     | -----    | -----     | -----   |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 52           | 45        | 7         | -----     | -----     | -----    | -----     | -----   |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 3,555        | 3,555     | -----     | -----     | -----     | -----    | -----     | -----   |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 6,572        | 6,045     | 127       | -----     | -----     | -----    | -----     | -----   |  |
| 3321 NONFERROUS METALS, NEC-----         | 440          | 5         | 435       | -----     | -----     | -----    | -----     | -----   |  |
| 3324 ALUMINUM AND ALLOYS, UNMANAGED----- | 643          | 9         | 634       | -----     | -----     | -----    | -----     | -----   |  |
| 3411 FABRICATED METAL PRODUCTS-----      | 46           | 45        | 1         | -----     | -----     | -----    | -----     | -----   |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 1,438        | 27        | 1,411     | -----     | -----     | -----    | -----     | -----   |  |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 114          | 24        | 90        | -----     | -----     | -----    | -----     | -----   |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 2,396        | 2,351     | 45        | -----     | -----     | -----    | -----     | -----   |  |
| 3731 SHIPS AND BOATS-----                | 107          | 16        | 91        | -----     | -----     | -----    | -----     | -----   |  |
| 3811 INSTR, TIME, PHOTO, OPT GOODS-----  | 5            | 3         | 2         | -----     | -----     | -----    | -----     | -----   |  |
| 4029 WASTE AND SCRAP, NEC-----           | 11,555       | -----     | -----     | -----     | -----     | 11,555   | -----     | -----   |  |
| 4112 COMMODITIES, NEC-----               | 15           | -----     | 15        | -----     | -----     | -----    | -----     | -----   |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI-----  | 581          | -----     | 581       | -----     | -----     | -----    | -----     | -----   |  |
| TOTAL TON-MILES.                         | 121,472,460. |           |           |           |           |          |           |         |  |

## BILOXI HARBOR, MISS.

SECTION INCLUDED: MISSISSIPPI SOYRD, BILOXI BAY, BACK BAY, AND LAND CUT TO GULFPORT LAKE. PROJECT DEPTH: EAST ENTRANCE CHANNEL, MISSISSIPPI SOYRD TO GULFPORT LAKE, 12 FEET; WEST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO BILOXI HARBOR, 10 FEET; OTT BAYOU, 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,253,900 | 1983----- | 1,479,598 |
| 1979----- | 1,681,505 | 1984----- | 2,249,406 |
| 1980----- | 2,286,404 | 1985----- | 1,982,091 |
| 1981----- | 1,208,663 | 1986----- | 2,601,224 |
| 1982----- | 1,658,973 | 1987----- | 1,853,539 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL       | COASTWISE |           | INTERNAL  |          | LOCAL |
|---|-------------|-----------|-----------|-----------|----------|-------|
|   |             | SHIPMENTS | RECEIPTS  | SHIPMENTS | RECEIPTS |       |
| TOTAL-----                              | 1,853,539   | 400       | 1,783,672 | 66,147    | 3,320    |       |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 14,909      | -----     | 14,909    | -----     | -----    | ----- |
| 0912 SHELLFISH, EXCEPT PREPAVED-----    | 1,070       | -----     | 1,070     | -----     | -----    | ----- |
| 1011 IRON ORE AND CONCENTRATES-----     | 3,000       | -----     | -----     | 3,000     | -----    | ----- |
| 1121 COAL AND LIGNITE-----              | 1,576,457   | -----     | 1,576,457 | -----     | -----    | ----- |
| 1411 LIMESTONE-----                     | 9,000       | -----     | 9,000     | -----     | -----    | ----- |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----    | 21,376      | -----     | 21,376    | -----     | -----    | ----- |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 3,380       | -----     | 3,380     | -----     | -----    | ----- |
| 2913 GASOLINE-----                      | 107,783     | -----     | 103,889   | 3,894     | -----    | ----- |
| 2912 JET FUEL-----                      | 14,498      | -----     | 14,498    | -----     | -----    | ----- |
| 2914 DISTILLATE FUEL OIL-----           | 14,381      | -----     | 14,381    | -----     | -----    | ----- |
| 2915 RESIDUAL FUEL OIL-----             | 5,339       | -----     | 5,339     | -----     | -----    | ----- |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 16,930      | -----     | 16,930    | -----     | -----    | ----- |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 25,937      | -----     | 1,043     | 21,574    | 3,320    | ----- |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 1,400       | -----     | 1,400     | -----     | -----    | ----- |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 200         | -----     | 200       | -----     | -----    | ----- |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 200         | -----     | 200       | -----     | -----    | ----- |
| 4011 IRON AND STEEL SCRAP-----          | 37,679      | -----     | -----     | 37,679    | -----    | ----- |
| TOTAL TON-MILES.                        | 26,295,473. |           |           |           |          |       |

## GULFPORT HARBOR, MISS.

SECTION INCLUDED: MISSISSIPPI SOYRD CHANNEL, SHIP ISLAND PASS CHANNEL, AND SMALL CRAFT HARBOR ABOUT 4,300 FEET LONG WEST OF THE ANCHORAGE BASIN. PROJECT DEPTH: MISSISSIPPI SOYRD, 30 FEET; SHIP ISLAND PASS, 32 FEET; SMALL CRAFT HARBOR, 8 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,145,079 | 1983----- | 1,147,970 |
| 1979----- | 1,059,947 | 1984----- | 1,360,941 |
| 1980----- | 1,241,805 | 1985----- | 1,432,639 |
| 1981----- | 1,120,107 | 1986----- | 1,212,982 |
| 1982----- | 1,195,712 | 1987----- | 1,200,043 |

## MOBILE, AL, DISTRICT

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GULFPORT HARBOR, MISS.--CONTINUED

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL     | FOREIGN |         | DOMESTIC INTERNAL |           |
|--|-----------|---------|---------|-------------------|-----------|
|  |           | IMPORTS | EXPORTS | RECEIPTS          | SHIPMENTS |
|  |           |         |         |                   |           |
| TOTAL-----                               | 1,208,043 | 736,632 | 280,494 | 186,680           | 44,237    |
| 0101 COTTON, RAW-----                    | 6,852     | -----   | 6,852   | -----             | -----     |
| 0103 CURN-----                           | 1,882     | -----   | 199     | -----             | 1,683     |
| 0104 OATS-----                           | 190       | -----   | 190     | -----             | -----     |
| 0105 RICE-----                           | 247       | -----   | 247     | -----             | -----     |
| 0111 SOYBEANS-----                       | 258       | -----   | 258     | -----             | -----     |
| 0119 OILSEEDS, NEC-----                  | 8,651     | -----   | 4,297   | -----             | -----     |
| 0129 FIELD CROPS, NEC-----               | 156       | 156     | 2       | -----             | -----     |
| 0131 FRESH FRUITS-----                   | 33        | 20      | 13      | -----             | -----     |
| 0132 BANANAS AND PLANTAINS-----          | 435,277   | 435,277 | -----   | -----             | -----     |
| 0133 COFFEE-----                         | 5,970     | 5,286   | 726     | -----             | -----     |
| 0141 FRESH AND FROZEN VEGETABLES-----    | 8,818     | 5,800   | 3,018   | -----             | -----     |
| 0161 ANIMALS AND PRODUCTS, NEC-----      | 581       | 469     | 72      | -----             | -----     |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 10        | 10      | -----   | -----             | -----     |
| 0881 CRUDE RUBBER AND ALLIED GUMS-----   | 2,301     | 2,301   | -----   | -----             | -----     |
| 0881 FOREST PRODUCTS, NEC-----           | 4         | -----   | 4       | -----             | -----     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 126       | -----   | 126     | -----             | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 40        | 40      | -----   | -----             | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 768       | 491     | 277     | -----             | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 22        | -----   | 22      | -----             | -----     |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 133,153   | 132,852 | 301     | -----             | -----     |
| 1411 LIMESTONE-----                      | 22,200    | -----   | 22,200  | -----             | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 215       | 198     | 17      | -----             | -----     |
| 1451 CLAY-----                           | 1,702     | -----   | 1,702   | -----             | -----     |
| 1471 PHOSPHATE ROCK-----                 | 136       | -----   | 136     | -----             | -----     |
| 1492 SULPHUR, DRY-----                   | 8         | -----   | 8       | -----             | -----     |
| 1494 GYPSUM, CRUDE AND PLASTERS-----     | 19        | -----   | 19      | -----             | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----      | 1,468     | -----   | 1,468   | -----             | -----     |
| 1911 ORDNANCE AND ACCESSORIES-----       | 128       | 29      | 99      | -----             | -----     |
| 2011 MEAT, FRESH, CURED, FROZEN-----     | 34,955    | 4,894   | 50,061  | -----             | -----     |
| 2012 MEAT AND PRODUCTS, NEC-----         | 122       | 26      | 96      | -----             | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 2         | -----   | 2       | -----             | -----     |
| 2015 ANIMAL BY-PRODUCTS, NEC-----        | 799       | 461     | 338     | -----             | -----     |
| 2021 DAIRY PRODUCTS, NEC-----            | 187       | -----   | 187     | -----             | -----     |
| 2022 DRIED MILK AND CREAM-----           | 1,282     | 1       | 1,281   | -----             | -----     |
| 2034 VEGETABLES AND PREP., NEC-----      | 782       | 271     | 511     | -----             | -----     |
| 2039 PREP FRUIT AND VEG JUICE, VEC-----  | 37,329    | 37,101  | 228     | -----             | -----     |
| 2042 ANIMAL FEEDS-----                   | 31,391    | 20,827  | 1,460   | 7,621             | 1,483     |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 5,508     | 104     | 2,797   | 1,200             | 1,407     |
| 2061 SUGAR-----                          | 20        | -----   | 20      | -----             | -----     |
| 2081 ALCOHOLIC BEVERAGES-----            | 3,905     | 3,905   | -----   | -----             | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 1,452     | 434     | 1,018   | -----             | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 2,831     | 1,829   | 1,002   | -----             | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----         | 215       | 63      | 152     | -----             | -----     |
| 2212 TEXTILE FIBERS, NEC-----            | 22        | -----   | 22      | -----             | -----     |
| 2311 APPAREL-----                        | 131       | 87      | 44      | -----             | -----     |
| 2411 LOGS-----                           | 476       | -----   | 476     | -----             | -----     |
| 2414 TIMBER, POSTS, POLES, PILING-----   | 8,662     | -----   | 8,662   | -----             | -----     |
| 2421 LUMBER-----                         | 34,650    | 33,347  | 1,303   | -----             | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 3,339     | 1       | 3,338   | -----             | -----     |
| 2461 WOOD MANUFACTURES, NEC-----         | 439       | 370     | 60      | -----             | -----     |
| 2511 FURNITURE AND FIXTURES-----         | 578       | 555     | 23      | -----             | -----     |
| 2611 PULP-----                           | 11,382    | 6,286   | 5,056   | -----             | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----       | 471       | -----   | 471     | -----             | -----     |
| 2631 PAPER AND PAPERBOARD-----           | 113,626   | 1,845   | 112,181 | -----             | -----     |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 4,601     | 27      | 4,614   | -----             | -----     |
| 2711 PRINTED MATTER-----                 | 115       | 97      | 18      | -----             | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 708       | 701     | 7       | -----             | -----     |
| 2812 DYES, PIGMENT, TANNING MATS-----    | 7         | -----   | 7       | -----             | -----     |
| 2013 ALCOHOLS-----                       | 120       | 66      | 58      | -----             | -----     |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 45,159    | 7,020   | 18,257  | -----             | 19,882    |
| 2821 PLASTIC MATERIALS-----              | 5,642     | 526     | 5,116   | -----             | -----     |
| 2822 SYNTHETIC RUBBER-----               | 2,372     | 835     | 1,537   | -----             | -----     |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----    | 401       | -----   | 401     | -----             | -----     |
| 2831 DRUGS-----                          | 143       | -----   | 143     | -----             | -----     |
| 2841 SOAP-----                           | 1,780     | 1,347   | 393     | -----             | -----     |
| 2851 PAINTS-----                         | 1,281     | 1,094   | 147     | -----             | -----     |
| 2661 GUM AND WOOD CHEMICALS-----         | 673       | 92      | 581     | -----             | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 306       | 215     | 131     | -----             | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 202       | -----   | 202     | -----             | -----     |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 3,783     | 1,101   | 2,662   | -----             | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 7         | -----   | 7       | -----             | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 5,333     | 3,097   | 2,236   | -----             | -----     |
| 2911 GASOLINE-----                       | 39,865    | -----   | -----   | 39,865            | -----     |
| 2914 DISTILLATE FUEL OIL-----            | 64,230    | -----   | -----   | 64,230            | -----     |
| 2915 RESIDUAL FUEL OIL-----              | 2,408     | -----   | -----   | 2,408             | -----     |
| 2916 LUBRICATIVE OILS AND GREASES-----   | 1,339     | -----   | 1,339   | -----             | -----     |
| 2920 COKE, PETROLEUM COKE-----           | 154       | -----   | 154     | -----             | -----     |
| 2921 LIQUEFIED GASES-----                | 1         | -----   | 1       | -----             | -----     |
| 2951 ASPHALT BUILDING MATERIALS-----     | 2         | -----   | 2       | -----             | -----     |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 2,567     | 2,584   | 23      | -----             | -----     |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 3,006     | 2,275   | 731     | -----             | -----     |
| 3111 LEATHER AND LEATHER PRODUCTS-----   | 404       | 2       | 442     | -----             | -----     |
| 3211 GLASS AND GLASS PRODUCTS-----       | 196       | 86      | 100     | -----             | -----     |
| 3241 BUILDING CEMENT-----                | 47,549    | -----   | 47,549  | -----             | -----     |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 503       | 270     | 273     | -----             | -----     |
| 3281 CUT STONE AND STONE PRODUCTS-----   | 430       | 430     | -----   | -----             | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 2,259     | 738     | 121     | 1,400             | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 2,040     | 1,758   | 282     | -----             | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 347       | -----   | 347     | -----             | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 1,434     | 819     | 615     | -----             | -----     |
| 3318 FERROALLOYS-----                    | 22        | -----   | 22      | -----             | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 1,274     | 762     | 512     | -----             | -----     |

*Waterborne Commerce of the United States, 1987*

GULFPORT HARBOR, MISS.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL  | FOREIGN |         | DOMESTIC<br>INTERNAL |           |
|---|--------|---------|---------|----------------------|-----------|
|   |        | IMPORTS | EXPORTS | RECEIPTS             | SHIPMENTS |
|   |        |         |         |                      |           |
| 3321 NONFERROUS METALS, NEC-----        | 180    | 46      | 136     | -----                | -----     |
| 3322 COPPER ALLOYS, UNWORKED-----       | 162    | 152     | 10      | -----                | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 775    | 718     | 57      | -----                | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 2,606  | 887     | 1,719   | -----                | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 13,708 | 10,778  | 2,279   | 203                  | 448       |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 963    | 372     | 591     | -----                | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 2,147  | 1,368   | 779     | -----                | -----     |
| 3721 AIRCRAFT AND PARTS-----            | 7      | 5       | 2       | -----                | -----     |
| 3731 SHIPS AND BOATS-----               | 15     | 8       | 7       | -----                | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 103    | -----   | 103     | -----                | -----     |
| 3811 INSTR, TIME, PHOTO, OPT GOODS----- | 184    | 25      | 159     | -----                | -----     |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 293    | 157     | 136     | -----                | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 20,613 | -----   | 1,239   | -----                | 19,374    |
| 4012 NONFERROUS METAL SCRAP-----        | 458    | 386     | 72      | -----                | -----     |
| 4022 TEXTILE WASTE, SCRAP, SHEEP-----   | 58     | -----   | 58      | -----                | -----     |
| 4112 COMMODITIES, VEC-----              | 1,663  | 837     | 826     | -----                | -----     |
| TOTAL TON-MILES, 22,659,874.            |        |         |         |                      |           |

## OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY  | COMMODITY  | TONS   | TOTAL<br>TON-MILES | PASSENGERS |
|---|--|--|--------------------|------------|
| PROJECT   |  |  |                    |            |
| APALACHICOLA BAY, FLA.  | 0912 SHELLFISH, EXCEPT PREPARED-----<br>4110 WATERWAY IMPROVEMENT MAT-----   | 256<br>36,750  | -----              | -----      |
|   | TOTAL-----   | 59,006   | 235,000            | -----      |
| BAYOU BERNARD, MISS. (INCLUDED IN TRAFFIC OF BILOXI HARBOR, MISS.)      | 1442 SAND, GRAVEL, CRUSHED ROCK-----<br>2912 JET FUEL-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----<br>3611 ELECTRICAL MACH AND EQUIP-----<br>4011 IRON AND STEEL SCRAP-----  | 3,299<br>14,490<br>200<br>200<br>37,679  | -----              | -----      |
|   | TOTAL-----   | 55,876   | 212,354            | -----      |
| BAYOU CHICO, FLA. (INCLUDED IN TRAFFIC OF PENSACOLA HARBOR, FLA.)       | 1411 LIMESTONE-----<br>1442 SAND, GRAVEL, CRUSHED ROCK-----<br>2911 GASOLINE-----<br>2914 DISTILLATE FUEL OIL-----<br>2991 PETROLEUM AND COAL PROD, NEC-----<br>3316 IRON AND STEEL PLATES, SHEETS-----<br>3319 IRON AND STEEL PRODUCTS, NEC-----<br>4011 IRON AND STEEL SCRAP-----  | 1,641<br>22,890<br>99,299<br>19,452<br>26,018<br>1,250<br>12,815<br>60,920   | -----              | -----      |
|   | TOTAL-----   | 242,285  | 266,816            | -----      |
| BAYOU CODEN, ALA.   | NO COMMERCE REPORTED   |  |                    |            |
| BAYOU GALERE, MISS.   | NO COMMERCE REPORTED   |  |                    |            |
| BAYOU LA BATRE, ALA.  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2991 PETROLEUM AND COAL PROD, NEC-----<br>3731 SHIPS AND BOATS-----  | 168<br>1,021<br>7,088<br>595   | -----              | -----      |
|   | TOTAL-----   | 8,868  | 10,658             | -----      |
| BLACKWATER RIVER, FLA.  | 0111 SOYBEANS-----<br>0931 MARINE SHELLS, UNMANUFACTURED-----<br>2871 NITROGENOUS CHEM FERTILIZERS-----<br>2911 GASOLINE-----  | 1,400<br>1,000<br>12,483<br>5,500  | -----              | -----      |
|   | TOTAL-----   | 23,383   | 269,306            | -----      |
| BON SECOUR RIVER, ALA.  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----  | 75<br>968<br>5,801   | -----              | -----      |
|   | TOTAL-----   | 6,844  | 20,532             | -----      |
| CADET BAYOU, MISS.  | NO COMMERCE REPORTED   |  |                    |            |
| CARRABELLE, FLA.  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2095 ICE-----<br>2821 PLASTIC MATERIALS-----   | 71<br>181<br>1,649<br>119  | -----              | -----      |
|   | TOTAL-----   | 2,020  | 17,585             | -----      |
| CHOCTAWHATCHEE RIVER, FLA. AND ALA.                                     | NO COMMERCE REPORTED   |  |                    |            |
| DAUPHIN ISLAND BAY, ALA.  | NO COMMERCE REPORTED   |  |                    |            |
| DOG AND FOAL RIVERS, ALA.   | NO COMMERCE REPORTED   |  |                    |            |
| EAST PASS CHANNEL FROM THE GULF OF MEXICO INTO CHOCTAWHATCHEE BAY, FLA. |  |  |                    | 240,000    |
| EAST PEARL RIVER, MISS.   | 0191 MISCELLANEOUS FARM PRODUCTS-----<br>0931 MARINE SHELLS, UNMANUFACTURED-----<br>1011 IRON ORE AND CONCENTRATES-----<br>1091 NONFERROUS ORES, CONCENT, NEC-----<br>1121 COAL AND LIGNITE-----<br>1911 ORDNANCE AND ACCESSORIES-----<br>2011 MEAT, FRESH, CHILLED, FROZEN-----<br>2034 VEGETABLES AND PREP, NEC-----<br>2041 WHEAT FLOUR AND SEMOLINA-----<br>2049 GRAIN MILL PRODUCTS, NEC-----<br>2091 VEGETABLE OILS, MARG, SHORT-----<br>2099 MISCELLANEOUS FOOD PRODUCTS-----<br>2211 BASIC TEXTILE PRODUCTS-----<br>2614 TIMBER, POSTS, POLES, PILING-----<br>2421 LUMBER-----<br>2491 WOOD MANUFACTURES, NEC-----<br>2511 FURNITURE AND FIXTURES-----<br>2691 PULP AND PAPER PRODUCTS, NEC-----<br>2813 ALCOHOLS-----<br>2819 BASIC CHEMICALS AND PROD, NEC-----<br>2821 PLASTIC MATERIALS-----<br>2871 NITROGENOUS CHEM FERTILIZERS-----<br>2891 MISCELLANEOUS CHEMICAL PROD-----<br>3011 RUBBER AND MISC PLASTIC PROD-----<br>3111 LEATHER AND LEATHER PRODUCTS-----<br>3281 CUT STONE AND STONE PRODUCTS-----<br>3291 MISC NONMETALLIC MINERAL PROD-----<br>3411 FABRICATED METAL PRODUCTS-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----<br>3611 ELECTRICAL MACH AND EQUIP----- | 2<br>8,000<br>5,814<br>17,976<br>113,098<br>16<br>4,095<br>3,305<br>6,918<br>1,949<br>11,669<br>38<br>649<br>332<br>2<br>1<br>3,842<br>21,658<br>252<br>1,452<br>3,126<br>56<br>4<br>72<br>132<br>57<br>92<br>57 | -----              | -----      |

## Waterborne Commerce of the United States, 1987

## OTHER HARBORS AND WATERWAYS--CONTINUED

| HARBOR OR WATERWAY                                     | COMMODITY  | TONS  | TOTAL<br>TON-<br>MILES | PASSENGERS |
|--|--|---|------------------------|------------|
| PROJECT--CONTINUED                                     |  |   |                        |            |
| EAST PEARL RIVER, MISS. (CONTINUED)-----               | 3711 MOTOR VEHICLES, PARTS, EQUIP-----<br>3811 INSTR, TIME, PHOTO, OPT GOODS-----<br>4112 COMMODITIES, NEC-----<br>5999 DEPARTMENT OF DEFENSE AND SCI-----                     | 7<br>18<br>477<br>135   | 205,477                | 656,598    |
| FLY CREEK (FAIRHOPE), ALA.-----                        | TOTAL-----   | 205,477   | 656,598                | -----      |
| GRAND LAGOON, PANAMA CITY, FLA.-----                   | NO COMMERCE REPORTED   |   |                        |            |
| LA GRANGE BAYOU, FLA.-----                             | 2095 ICE-----<br><br>0103 CORN-----<br>0104 OATS-----<br>0107 MEAT-----<br>0111 SOYBEANS-----<br>2042 ANIMAL FEEDS-----<br>2911 GASOLINE-----<br>2914 DISTILLATE FUEL OIL----- | 236<br><br>38,014<br>7,436<br>5,143<br>3,642<br>2,639<br>38,935<br>53,620 | 472                    | -----      |
| PANACEA, FLA.-----                                     | TOTAL-----   | 149,629   | 598,516                | -----      |
| PASCAGOULA RIVER, MISS.-----                           | NO COMMERCE REPORTED   |   |                        |            |
| PASS CHRISTIAN HARBOR, MISS.-----                      | 0931 MARINE SHELLS, UNMANUFACTURED-----<br>3291 MISCELLANEOUS MINERAL PROD-----  | 4,000<br>376  | 4,376                  | 13,128     |
| PERDIDO PASS CHANNEL, ALA.-----                        | TOTAL-----   | 4,376   | 13,128                 | -----      |
| PORT ST. JOE HARBOR, FLA.-----                         | NO COMMERCE REPORTED   |   |                        |            |
| UPPER CHIPOLA RIVER, FLA., FROM MOUTH TO MARIANNA----- | 2095 ICE-----<br>2099 MISCELLANEOUS FOOD PRODUCTS-----   | 3,525<br>6  | 3,531                  | 11,336     |
| WOLF AND JORDAN RIVERS, MISS.-----                     | TOTAL-----<br><br>2810 SODIUM HYDROXIDE-----<br>2861 GUM AND WOOD CHEMICALS-----<br>2871 NITROGENOUS CHEM FERTILIZERS-----<br>2915 RESIDUAL FUEL OIL-----                      | 110,611<br>33,967<br>985<br>8,509<br>67,150                               | 255,091                | -----      |
|  | NO COMMERCE REPORTED   |   |                        |            |
|  | 0931 MARINE SHELLS, UNMANUFACTURED-----  | 12,000  | 36,000                 | -----      |

# NEW ORLEANS, LA, DISTRICT

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INNERHARBOR NAVIGATION CANAL, LA.,\* (INCLUDED IN  
TRAFFIC OF PORT OF NEW ORLEANS)

SECTION INCLUDED: FROM MISSISSIPPI RIVER TO LAKE PONTCHARTRAIN, 5.5 MILES, CONTROLLING DEPTH (MEAN LOW GULF); LOCK TO MILE 2.1, 30 FEET; TO SEABROOK BRIDGE, 30 FEET; TO SEABROOK LIGHT, 15 FEET. PROJECT DEPTH: 32 FEET TO MILE 2.1. NONE BEYOND.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 9,858,720 | 1983----- | 6,636,258 |
| 1979----- | 9,104,940 | 1984----- | 8,000,327 |
| 1980----- | 7,876,800 | 1985----- | 7,059,669 |
| 1981----- | 7,578,912 | 1986----- | 8,058,984 |
| 1982----- | 6,772,186 | 1987----- | 7,556,379 |

\* DOES NOT INCLUDE 20,310,214 TUNS OF COMMERCE, REPORTED AS GULF INTRACOASTAL WATERWAY TRAFFIC WHICH UTILIZES THE LOCK AND A PORTION OF THE INNERHARBOR NAVIGATION CANAL IN MOVING BETWEEN THE MISSISSIPPI RIVER AND GULF INTRACOASTAL WATERWAY.

FREIGHT TRAFFIC, 1987

FOREIGN

(SHORT TONS)

| COMMODITY                                | TOTAL     | IMPORTS   | EXPORTS   | THROUGH    |            |
|--|-----------|-----------|-----------|------------|------------|
|  |           |           |           | NORTHBOUND | SOUTHBOUND |
| TOTAL-----                               | 2,863,933 | 1,093,498 | 1,443,295 | 159,487    | 167,653    |
| 0101 COTTON, MAN-----                    | 39,092    | -----     | 39,092    | -----      | -----      |
| 0102 BARLEY AND RYE-----                 | 524       | 62        | 462       | -----      | -----      |
| 0103 CORN-----                           | 7,081     | 5         | 1,111     | 5,965      | -----      |
| 0104 OATS-----                           | 393       | -----     | 393       | -----      | -----      |
| 0105 RICE-----                           | 13,269    | 378       | 12,895    | -----      | -----      |
| 0106 SORGHUM GRAINS-----                 | 418       | -----     | 418       | -----      | -----      |
| 0107 WHEAT-----                          | 43,539    | -----     | 21        | 43,518     | -----      |
| 0111 SOYBEANS-----                       | 25,083    | -----     | 16,478    | 8,605      | -----      |
| 0119 OILSEEDS, NEC-----                  | 25,499    | 599       | 24,900    | -----      | -----      |
| 0121 TOBACCO, LEAF-----                  | 1,623     | 162       | 1,461     | -----      | -----      |
| 0129 FIELD CROPS, NEC-----               | 1,025     | 626       | 399       | -----      | -----      |
| 0131 FRESH FRUITS-----                   | 1,487     | 16        | 1,471     | -----      | -----      |
| 0132 BANANAS AND PLANTAINS-----          | 53,498    | 53,458    | 40        | -----      | -----      |
| 0133 COFFEE-----                         | 132,158   | 115,050   | 16,177    | 931        | -----      |
| 0134 COCOA BEANS-----                    | 561       | 561       | -----     | -----      | -----      |
| 0141 FRESH AND FROZEN VEGETABLES-----    | 5,525     | 3,175     | 2,350     | -----      | -----      |
| 0161 ANIMALS AND PRODUCTS, NEC-----      | 4,002     | 206       | 3,596     | -----      | -----      |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 1,409     | 706       | 703       | -----      | -----      |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----   | 20,779    | 20,609    | 170       | -----      | -----      |
| 0861 FOREST PRODUCTS, NEC-----           | 5,365     | 1,166     | 4,073     | 106        | -----      |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 715       | 470       | 245       | -----      | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 3,091     | 105       | 2,986     | -----      | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 35        | 35        | -----     | -----      | -----      |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 6,381     | 15        | 7,980     | 346        | -----      |
| 1061 MANGANESE OXIDES, CONCENTRATES----- | 3,127     | -----     | -----     | -----      | 3,127      |
| 1091 NONFERROUS ORES, CONCENT., VEC----- | 14,013    | 13,995    | 18        | -----      | -----      |
| 1121 COAL AND LIGNITE-----               | 99,724    | -----     | 76,575    | 23,149     | -----      |
| 1411 LIMESTONE-----                      | 125       | 125       | -----     | -----      | -----      |
| 1412 BUILDING STONE, UNMURKED-----       | 20        | -----     | 20        | -----      | -----      |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 11,137    | 44        | 11,093    | -----      | -----      |
| 1451 CLAY-----                           | 70,066    | 21,731    | 4,333     | 69         | 44,533     |
| 1471 PHOSPHATE HUCK-----                 | 80        | -----     | 80        | -----      | -----      |
| 1492 SULPHUR, DRY-----                   | 1,496     | -----     | 1,496     | -----      | -----      |
| 1494 GYPSUM, CRUDE AND PLASTERS-----     | 84,316    | 83,608    | 708       | -----      | -----      |
| 1499 NONMETALLIC MINERALS, NEC-----      | 27,962    | 23,218    | 4,724     | 20         | -----      |
| 1911 ORDNANCE AND ACCESSORIES-----       | 2,079     | 2,079     | -----     | -----      | -----      |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----   | 53,383    | 13,598    | 39,785    | -----      | -----      |
| 2012 MEAT AND PRODUCTS, NEC-----         | 5,197     | 4,623     | 288       | -----      | 286        |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 2,585     | -----     | 2,585     | -----      | -----      |
| 2015 ANIMAL BY-PRODUCTS, NEC-----        | 1,143     | 78        | 1,065     | -----      | -----      |
| 2021 DAIRY PRODUCTS, VEC-----            | 5,162     | 4,884     | 298       | -----      | -----      |
| 2022 DRIED MILK AND CREAM-----           | 8,048     | -----     | 8,048     | -----      | -----      |
| 2031 FISH AND SHELLFISH, PREPARED-----   | 925       | 787       | 138       | -----      | -----      |
| 2034 VEGETABLES AND PREP, NEC-----       | 14,313    | 5,966     | 8,347     | -----      | -----      |
| 2039 PREP FRUIT AND VEG JUICE, VEC-----  | 9,721     | 7,985     | 1,736     | -----      | -----      |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 1,238     | -----     | 1,238     | -----      | -----      |
| 2042 ANIMAL FEEDS-----                   | 40,643    | 286       | 16,769    | 23,568     | 20         |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 49,345    | 1,588     | 24,058    | 23,699     | -----      |
| 2061 SUGAR-----                          | 19,106    | 9,626     | 3,733     | -----      | 5,787      |
| 2062 MOLASSES-----                       | 12        | -----     | 12        | -----      | -----      |
| 2081 ALCOHOLIC BEVERAGES-----            | 40,637    | 35,997    | 4,640     | -----      | -----      |
| 2091 VEGETABLE OILS, VARG, SHORT-----    | 16,153    | 3,723     | 11,040    | 1,390      | -----      |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 6         | 6         | -----     | -----      | -----      |
| 2095 ICE-----                            | 2,022     | 2,622     | -----     | -----      | -----      |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 21,631    | 10,173    | 11,329    | 56         | 73         |
| 2111 TOBACCO MANUFACTURES-----           | 149       | 56        | 34        | 59         | -----      |
| 2211 BASIC TEXTILE PRODUCTS-----         | 22,481    | 10,649    | 11,757    | 69         | 6          |
| 2212 TEXTILE FIBERS, NEC-----            | 4,421     | 4,373     | 48        | -----      | -----      |
| 2511 APPAREL-----                        | 5,685     | 3,775     | 1,910     | -----      | -----      |
| 2611 LOGS-----                           | 2,016     | 35        | 1,981     | -----      | -----      |
| 2813 FUEL WOOD, CHARCOAL, WASTES-----    | 52        | -----     | 52        | -----      | -----      |
| 2814 TIMBER, POSTS, POLES, PILING-----   | 615       | 70        | 454       | 141        | -----      |
| 2816 WOOD CHIPS, STAVES, MULDINGS-----   | 1,957     | 1,631     | 326       | -----      | -----      |
| 2421 LUMBER-----                         | 52,874    | 6,126     | 46,729    | 19         | -----      |
| 2651 VENEER, PLYWOOD, MONKEY WOOD-----   | 13,723    | 1,202     | 12,336    | -----      | 183        |
| 2691 WOOD MANUFACTURES, NEC-----         | 10,278    | 7,395     | 2,883     | -----      | -----      |
| 2511 FURNITURE AND FIXTURES-----         | 5,249     | 4,261     | 988       | -----      | -----      |
| 2611 PULP-----                           | 6,943     | -----     | 6,943     | -----      | -----      |
| 2621 STANDARD NEWSPRINT PAPER-----       | 9,717     | 4,278     | 5,439     | -----      | -----      |
| 2631 PAPER AND PAPERBOARD-----           | 220,887   | 53,180    | 157,121   | 5,272      | 4,910      |

## Waterborne Commerce of the United States, 1987

INNERHARBOR NAVIGATION CANAL, LA,\* (INCLUDED IN TRAFFIC OF PORT OF NEW ORLEANS)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL      | IMPORTS | EXPORTS | THROUGH    |            |
|---|------------|---------|---------|------------|------------|
|   |            |         |         | NORTHBOUND | SOUTHBOUND |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 5,748      | 507     | 5,237   | 4          | -----      |
| 2711 PRINTED MATERI-----                | 2,776      | 547     | 2,229   | -----      | -----      |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 2,760      | 2,471   | 289     | -----      | -----      |
| 2812 DYES, PIGMENT, TANNING MATS-----   | 341        | -----   | 341     | -----      | -----      |
| 2813 ALCOHOLS-----                      | 2,238      | 137     | 2,059   | 42         | -----      |
| 2816 RADIOACTIVE MATERIALS, WASTES----- | 4,339      | 3,084   | 1,255   | -----      | -----      |
| 2817 BENZENE AND TOLUENE-----           | 489        | -----   | 489     | -----      | -----      |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 178,186    | 25,129  | 151,944 | 884        | 229        |
| 2821 PLASTIC MATERIALS-----             | 129,792    | 6,885   | 122,709 | 198        | -----      |
| 2822 SYNTHETIC RUBBER-----              | 38,136     | 1,910   | 36,026  | 200        | -----      |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----   | 1,601      | 35      | 1,566   | -----      | -----      |
| 2831 DRUGS-----                         | 4,861      | 879     | 3,982   | -----      | -----      |
| 2841 SOAP-----                          | 2,893      | 1,419   | 1,474   | -----      | -----      |
| 2851 PAINTS-----                        | 6,828      | 3,333   | 3,423   | 6          | 66         |
| 2861 GUM AND MUD CHEMICALS-----         | 3,110      | 22      | 3,088   | -----      | -----      |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 265        | -----   | 265     | -----      | -----      |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 8,276      | 8,244   | 32      | -----      | -----      |
| 2876 INSECTICIDES, DISINFECTANTS-----   | 18,999     | 5,851   | 11,115  | 23         | 10         |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 93         | 14      | 75      | 4          | -----      |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 44,905     | 6,827   | 21,304  | 232        | 16,542     |
| 2911 GASOLINE-----                      | 54,848     | -----   | 189     | -----      | 54,659     |
| 2916 LUBRICATING OILS AND GREASES-----  | 62,742     | 57      | 58,285  | 4,400      | -----      |
| 2917 NAPHTHA, PETROLEUM, SOLVENTS-----  | 411        | -----   | 411     | -----      | -----      |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 93         | -----   | 93      | -----      | -----      |
| 2920 COKE, PETROLEUM COKE-----          | 81,739     | 500     | 68,487  | 4,819      | 7,933      |
| 2921 LIQUEFIED GASES-----               | 101        | 33      | 68      | -----      | -----      |
| 2951 ASPHALT BUILDING MATERIALS-----    | 45         | -----   | 45      | -----      | -----      |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 353        | 38      | 315     | -----      | -----      |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 88,317     | 28,866  | 59,384  | 26         | 41         |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 1,621      | 1,055   | 548     | -----      | 18         |
| 3211 GLASS AND GLASS PRODUCTS-----      | 9,008      | 4,367   | 4,639   | 2          | -----      |
| 3241 BUILDING CEMENT-----               | 245,960    | 234,260 | 915     | -----      | 10,785     |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 16,049     | 10,335  | 5,603   | -----      | 111        |
| 3261 CUT STONE AND STOVE PRODUCTS-----  | 7,741      | 6,839   | 902     | -----      | -----      |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 13,207     | 5,901   | 7,285   | -----      | 21         |
| 3314 IRON AND STEEL PRIMARY FORGS-----  | 322        | 244     | 78      | -----      | -----      |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 60,117     | 42,019  | 2,660   | 2,456      | 12,982     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 1,994      | 151     | 1,843   | -----      | -----      |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 12,232     | 9,311   | 1,051   | -----      | 1,870      |
| 3318 FERROALLOYS-----                   | 25,230     | 14,493  | 2,470   | 8,267      | -----      |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 6,212      | 3,025   | 1,278   | -----      | 1,909      |
| 3321 NONFERROUS METALS, NEC-----        | 1,218      | 399     | 819     | -----      | -----      |
| 3322 COPPER ALLYS, UNWORKED-----        | 8,283      | 6,895   | 1,386   | -----      | -----      |
| 3323 LEAD AND ZINC, UNWORKED-----       | 2,418      | 1,102   | 543     | -----      | 773        |
| 3324 ALUMINUM AND ALLYS, UNWORKED-----  | 7,524      | 6,772   | 730     | -----      | 22         |
| 3411 FABRICATED METAL PRODUCTS-----     | 32,044     | 25,556  | 6,246   | 57         | 183        |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 88,182     | 59,207  | 27,804  | 577        | 594        |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 18,435     | 8,565   | 9,757   | 108        | 5          |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 12,749     | 6,230   | 6,340   | 169        | 10         |
| 3721 AIRCRAFT AND PARTS-----            | 158        | 27      | 131     | -----      | -----      |
| 3731 SHIPS AND BOATS-----               | 1,325      | 384     | 941     | -----      | -----      |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 2,610      | 341     | 2,269   | -----      | -----      |
| 3811 INSTN, TIME, PHOT, OPT GOODS-----  | 2,024      | 683     | 1,518   | 18         | 5          |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 3,776      | 2,404   | 1,371   | 1          | -----      |
| 4011 IRON AND STEEL SCRAP-----          | 81,764     | -----   | 81,764  | -----      | -----      |
| 4012 NONFERROUS METAL SCRAP-----        | 11,604     | 1,976   | 9,628   | -----      | -----      |
| 4022 TEXTILE WASTE, SCRAP, SHEEP-----   | 1,564      | 15      | 1,549   | -----      | -----      |
| 4024 PAPER WASTE AND SCRAP-----         | 7,026      | -----   | 7,026   | -----      | -----      |
| 4112 COMMODITIES, NEC-----              | 17,126     | 3,027   | 14,087  | 12         | -----      |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 551        | -----   | 551     | -----      | -----      |
| FUN=HILES, FOREIGN,                     | 5,845,830. |         |         |            |            |

## DOMESTIC

(SHORT TONS)

| COMMODITY                             | TOTAL     | COASTWISE |           | INTERNAL |          | LOCAL     | THROUGH    |            |
|---------------------------------------|-----------|-----------|-----------|----------|----------|-----------|------------|------------|
|                                       |           | RECEIPTS  | SHIPMENTS | THROUGH  | RECEIPTS | SHIPMENTS | NORTHBOUND | SOUTHBOUND |
| TOTAL-----                            | 4,694,446 | 308,717   | 651,460   | 1,350    | 612,180  | 437,186   | 1,450      | 465,295    |
| 0103 CORN-----                        | 1,642     | -----     | 76        | -----    | -----    | -----     | 1,566      | -----      |
| 0104 OATS-----                        | 1,047     | -----     | 1,047     | -----    | -----    | -----     | -----      | -----      |
| 0105 RICE-----                        | 23,641    | 125       | 16,681    | -----    | -----    | -----     | 6,835      | -----      |
| 0106 SUGAR, GRAINS-----               | 4         | -----     | 4         | -----    | -----    | -----     | -----      | -----      |
| 0107 WHEAT-----                       | 4,309     | -----     | -----     | -----    | -----    | -----     | -----      | 4,309      |
| 0111 SOYBEANS-----                    | 3,028     | -----     | -----     | -----    | -----    | -----     | -----      | 3,028      |
| 0119 OILSEEDS, NEC-----               | 535       | -----     | 535       | -----    | -----    | -----     | -----      | -----      |
| 0121 TOBACCO, LEAF-----               | 322       | -----     | 322       | -----    | -----    | -----     | -----      | -----      |
| 0122 HAY AND FODDER-----              | 507       | 267       | 40        | -----    | -----    | -----     | -----      | -----      |
| 0129 FIELD CHIPS, NEC-----            | 9,008     | 130       | 8,876     | -----    | -----    | -----     | -----      | -----      |
| 0131 FRESH FRUIT-----                 | 16,665    | 1,779     | 14,906    | -----    | -----    | -----     | -----      | -----      |
| 0132 BANANAS AND PLANTAINS-----       | 6,147     | 1,364     | 4,783     | -----    | -----    | -----     | -----      | -----      |
| 0133 COFFEE-----                      | 31,025    | 11,969    | 19,056    | -----    | -----    | -----     | -----      | -----      |
| 0134 CUCUMBERS-----                   | 677       | 373       | 304       | -----    | -----    | -----     | -----      | -----      |
| 0181 FRESH AND FROZEN VEGETABLES----- | 37,057    | 5,365     | 31,722    | -----    | -----    | -----     | -----      | -----      |
| 0181 LIVE ANIMALS-----                | 4         | 2         | 2         | -----    | -----    | -----     | -----      | -----      |
| 0181 ANIMALS AND PRODUCTS, NEC-----   | 32        | -----     | 32        | -----    | -----    | -----     | -----      | -----      |
| 0191 MISCELLANEOUS FARM PRODUCTS----- | 992       | 295       | 697       | -----    | -----    | -----     | -----      | -----      |

## NEW ORLEANS, LA., DISTRICT

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INNERHARBOR NAVIGATION CANAL, LA., (INCLUDED IN  
TRAFFIC OF PORT OF NEW ORLEANS)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                            | TOTAL     | COASTWISE |           | INTERNAL              |          | LOCAL     | THROUGH    |            |
|--------------------------------------|-----------|-----------|-----------|-----------------------|----------|-----------|------------|------------|
|                                      |           | RECEIPTS  | SHIPMENTS | THROUGH<br>NORTHBOUND | RECEIPTS | SHIPMENTS | NORTHBOUND | SOUTHBOUND |
| 0841 CRUDE RUBBER AND ALLIED GUMS--  | 580       | -----     | 540       | -----                 | -----    | -----     | -----      | -----      |
| 0861 FOREST PRODUCTS, NEC--          | 391       | 186       | 203       | -----                 | -----    | -----     | -----      | -----      |
| 0911 FRESH FISH, EXCEPT SHELLFISH--  | 3,387     | 2,864     | 523       | -----                 | -----    | -----     | -----      | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED--    | 1,122     | 363       | 759       | -----                 | -----    | -----     | -----      | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED-- | 1,017,050 | -----     | -----     | 283,250               | 6,000    | -----     | -----      | 727,800    |
| 1011 IRON ORE AND CONCENTRATES--     | 26,502    | -----     | -----     | -----                 | -----    | -----     | -----      | 26,502     |
| 1051 ALUMINUM ORES, CONCENTRATES--   | 6,891     | -----     | 156       | -----                 | -----    | -----     | -----      | 6,891      |
| 1061 MANGANESE ORES, CONCENTRATES--  | 20,111    | -----     | -----     | -----                 | -----    | -----     | -----      | 20,111     |
| 1091 NOVAFERROUS JPS, CONCENT, NEC-- | 32,557    | -----     | -----     | -----                 | -----    | -----     | -----      | 32,557     |
| 1121 COAL AND LIGNITE--              | 57,101    | -----     | -----     | 7,519                 | -----    | -----     | 49,622     | -----      |
| 1311 CRUDE PETROLEUM--               | 310,368   | -----     | 46        | -----                 | -----    | -----     | 137,104    | 173,214    |
| 1411 LIMESTONE--                     | 32,955    | -----     | 156       | -----                 | 29,065   | -----     | 3,234      | -----      |
| 1412 BUILDING STONE, UNWORKED--      | 333       | -----     | 333       | -----                 | -----    | -----     | -----      | -----      |
| 1442 SAND, GRAVEL, CRUSHED ROCK--    | 53,291    | 23        | 59        | 39,502                | 6,000    | -----     | 7,667      | -----      |
| 1451 CLAY--                          | 257,953   | -----     | 2,097     | 3,873                 | 249,694  | 1,450     | 505        | 334        |
| 1494 GYPSUM, CRUDE AND PLASTERS--    | 1,851     | -----     | 1,851     | -----                 | -----    | -----     | -----      | -----      |
| 1499 NONMETALLIC MINERALS, NEC--     | 201,381   | 879       | 3,500     | 7,995                 | 57,596   | -----     | 45,476     | 66,135     |
| 1911 ORDNANCE AND ACCESSORIES--      | 308       | 263       | 45        | -----                 | -----    | -----     | -----      | -----      |
| 2011 MEAT, FRESH, CHILLED, FROZEN--  | 65,536    | 6,008     | 59,528    | -----                 | -----    | -----     | -----      | -----      |
| 2012 MEAT AND PRODUCTS, NEC--        | 15,171    | 3,142     | 12,029    | -----                 | -----    | -----     | -----      | -----      |
| 2014 TALLOW, ANIMAL FATS AND OILS--  | 339       | -----     | 339       | -----                 | -----    | -----     | -----      | -----      |
| 2015 ANIMAL BY-PRODUCTS, NEC--       | 1,852     | 898       | 954       | -----                 | -----    | -----     | -----      | -----      |
| 2021 DAIRY PRODUCTS, NEC--           | 10,712    | 618       | 10,094    | -----                 | -----    | -----     | -----      | -----      |
| 2022 DRIED MILK AND CREAM--          | 7,393     | 115       | 7,278     | -----                 | -----    | -----     | -----      | -----      |
| 2031 FISH AND SHELLFISH, PREPARED--  | 50,318    | 34,575    | 15,743    | -----                 | -----    | -----     | -----      | -----      |
| 2034 VEGETABLES AND PREP, NEC--      | 24,435    | 5,227     | 19,206    | -----                 | -----    | -----     | -----      | -----      |
| 2039 PREP FRUIT AND VEG JUICE, NEC-- | 11,246    | 5,636     | 7,610     | -----                 | -----    | -----     | -----      | -----      |
| 2041 WHEAT FLOUR AND SEMOLINA--      | 1,530     | -----     | 1,530     | -----                 | -----    | -----     | -----      | -----      |
| 2042 ANIMAL FEEDS--                  | 17,018    | 994       | 3,852     | -----                 | -----    | -----     | 2,423      | 9,749      |
| 2049 GRAIN MILL PRODUCTS, NEC--      | 7,234     | 342       | 6,892     | -----                 | -----    | -----     | -----      | -----      |
| 2061 SUGAR--                         | 8,025     | -----     | 8,025     | -----                 | -----    | -----     | -----      | -----      |
| 2062 MOLASSES--                      | 20        | -----     | 20        | -----                 | -----    | -----     | -----      | -----      |
| 2081 ALCOHOLIC BEVERAGES--           | 40,369    | 15,425    | 24,944    | -----                 | -----    | -----     | -----      | -----      |
| 2091 VEGETABLE OILS, MARG, SHORT--   | 7,357     | 269       | 2,198     | -----                 | -----    | -----     | -----      | 4,890      |
| 2094 GROCERIES--                     | 1,627     | 375       | 1,252     | -----                 | -----    | -----     | -----      | -----      |
| 2099 MISCELLANEOUS FOOD PRODUCTS--   | 50,740    | 19,583    | 31,157    | -----                 | -----    | -----     | -----      | -----      |
| 2111 TOBACCO MANUFACTURES--          | 492       | 126       | 366       | -----                 | -----    | -----     | -----      | -----      |
| 2211 BASIC TEXTILE PRODUCTS--        | 4,287     | 318       | 1,574     | -----                 | 2,395    | -----     | -----      | -----      |
| 2212 TEXTILE FIBERS, NEC--           | 78        | 1         | 77        | -----                 | -----    | -----     | -----      | -----      |
| 2311 APPAREL--                       | 16,011    | 4,453     | 11,558    | -----                 | -----    | -----     | -----      | -----      |
| 2413 FUEL WOOD, CHARCOAL, WASTES--   | 59        | -----     | 39        | -----                 | -----    | -----     | -----      | -----      |
| 2414 TIMBER, POSTS, POLES, PILING--  | 564       | -----     | 564       | -----                 | -----    | -----     | -----      | -----      |
| 2421 LUMBER--                        | 2,994     | 33        | 1,534     | -----                 | -----    | 1,427     | -----      | -----      |
| 2431 VENEER, PLYWOOD, WOKED WOOD--   | 20,665    | 12        | 20,653    | -----                 | -----    | -----     | -----      | -----      |
| 2491 WOOD MANUFACTURES, NEC--        | 3,829     | 642       | 3,102     | -----                 | 85       | -----     | -----      | -----      |
| 2511 FURNITURE AND FIXTURES--        | 5,781     | 1,170     | 4,611     | -----                 | -----    | -----     | -----      | -----      |
| 2611 PULP--                          | 3,043     | -----     | 175       | 2,868                 | -----    | -----     | -----      | -----      |
| 2621 STANDARD NEWSPRINT PAPER--      | 4,634     | -----     | 602       | 1,999                 | -----    | -----     | 2,033      | -----      |
| 2631 PAPER AND PAPERBOARD--          | 65,833    | 1,456     | 13,762    | 31,520                | 18,687   | -----     | -----      | -----      |
| 2691 PULP AND PAPER PRODUCTS, NEC--  | 18,759    | 4,546     | 14,211    | -----                 | -----    | -----     | -----      | -----      |
| 2711 PRINTED MATIER--                | 960       | 475       | 465       | -----                 | -----    | -----     | -----      | -----      |
| 2810 SODIUM HYDROXIDE--              | 236       | -----     | 236       | -----                 | -----    | -----     | -----      | -----      |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS--  | 65        | -----     | 43        | -----                 | -----    | -----     | -----      | -----      |
| 2812 DYES, PIGMENT, TANNING MATS--   | 19        | -----     | 19        | -----                 | -----    | -----     | -----      | -----      |
| 2813 ALCOHOLS--                      | 2,823     | 108       | 2,715     | -----                 | -----    | -----     | -----      | -----      |
| 2817 BENZENE AND TOLUENE--           | 196       | -----     | 196       | -----                 | -----    | -----     | -----      | -----      |
| 2818 SULPHURIC ACID--                | 784       | 40        | 627       | -----                 | -----    | -----     | 117        | -----      |
| 2819 BASIC CHEMICALS AND PROD, NEC-- | 56,366    | 7,475     | 9,496     | -----                 | 3,150    | -----     | 1,600      | 36,387     |
| 2821 PLASTIC MATERIALS--             | 43,093    | 511       | 42,582    | -----                 | -----    | -----     | -----      | -----      |
| 2822 SYNTHETIC RUBBER--              | 5,969     | 5,717     | 252       | -----                 | -----    | -----     | -----      | -----      |
| 2831 DRUGS--                         | 6,241     | 2,579     | 3,662     | -----                 | -----    | -----     | -----      | -----      |
| 2841 SOAP--                          | 15,207    | 4,321     | 10,889    | -----                 | -----    | -----     | -----      | -----      |
| 2851 PAINTS--                        | 2,827     | 277       | 2,550     | -----                 | -----    | -----     | -----      | -----      |
| 2861 GUM AND WOOD CHEMICALS--        | 44        | -----     | 44        | -----                 | -----    | -----     | -----      | -----      |
| 2871 NITROGENOUS CHEM FERTILIZERS--  | 50,795    | -----     | 18        | -----                 | -----    | -----     | 19,787     | 30,990     |
| 2872 POTASSIC CHEM FERTILIZERS--     | 79,705    | -----     | 12        | -----                 | -----    | -----     | 1,604      | 78,089     |
| 2873 PHOSPHATIC CHEM FERTILIZERS--   | 24,860    | -----     | -----     | -----                 | -----    | -----     | -----      | 24,860     |
| 2876 INSECTICIDES, DISINFECTANTS--   | 1,971     | 703       | 1,268     | -----                 | -----    | -----     | -----      | -----      |
| 2879 FERTILIZER AND MATERIALS, NEC-- | 276,344   | -----     | 208       | -----                 | -----    | -----     | -----      | 276,136    |
| 2911 GASOLINE--                      | 2,579     | 614       | 1,959     | -----                 | 106      | -----     | -----      | -----      |
| 2914 DISTILLATE FUEL OIL--           | 186,738   | -----     | 90        | -----                 | 487      | -----     | 125,500    | 63,186     |
| 2915 RESIDUAL FUEL OIL--             | 114,783   | -----     | -----     | 97,895                | -----    | -----     | 566        | 17,088     |
| 2916 LUBRICATING OILS AND GREASES--  | 9,383     | -----     | 9,383     | -----                 | -----    | -----     | -----      | -----      |
| 2917 NAPHTHA, PETROLEUM SOLVENTS--   | 2,686     | -----     | 2,646     | -----                 | -----    | -----     | -----      | -----      |
| 2918 ASPHALT, TAR, AND PITCHES--     | 2,718     | -----     | 76        | -----                 | -----    | -----     | 2,642      | -----      |
| 2920 COKE, PETROLEUM COKE--          | 22,482    | -----     | 89        | -----                 | 500      | -----     | 21,893     | -----      |
| 2921 LIQUEFIED GASES--               | 12,313    | -----     | 1,190     | -----                 | -----    | -----     | -----      | 11,115     |
| 2951 ASPHALT BUILDING MATERIALS--    | 206       | 20        | 180       | -----                 | -----    | -----     | -----      | -----      |
| 2991 PETROLEUM AND COAL PROD, NEC--  | 9,823     | 52        | 9,771     | -----                 | -----    | -----     | -----      | -----      |
| 3011 RUBBER AND VISC PLASTIC PROD--  | 20,601    | 11,618    | 8,983     | -----                 | -----    | -----     | -----      | -----      |
| 3111 LEATHER AND LEATHER PRODUCTS--  | 1,599     | 743       | 856       | -----                 | -----    | -----     | -----      | -----      |
| 3211 GLASS AND GLASS PRODUCTS--      | 6,539     | 1,667     | 2,872     | -----                 | -----    | -----     | -----      | -----      |
| 3261 BUILDING CEMENT--               | 61,826    | 77        | 21        | 47,888                | 12,638   | -----     | -----      | 1,202      |
| 3251 STRUCTURAL CLAY PRODUCTS--      | 5,004     | 2,704     | 2,300     | -----                 | -----    | -----     | -----      | -----      |
| 3271 LIME--                          | 15,025    | -----     | 12        | 7,765                 | -----    | -----     | 7,248      | -----      |
| 3281 CUT STONE AND STONE PRODUCTS--  | 4,983     | 2,669     | 2,514     | -----                 | -----    | -----     | -----      | -----      |
| 3291 VISC NONMETALLIC MINERAL PROD-- | 21,700    | 1,848     | 5,180     | 14,732                | -----    | -----     | -----      | -----      |
| 3311 PIG IRON--                      | 47,056    | -----     | -----     | -----                 | -----    | -----     | -----      | 47,036     |
| 3312 SLAG--                          | 8,189     | -----     | 23        | 2,770                 | -----    | -----     | -----      | 5,396      |
| 3313 COKE, PET ASPHALTS, SOLVENTS--  | 23        | -----     | 23        | -----                 | -----    | -----     | -----      | -----      |
| 3314 IRON AND STEEL PRIMARY FORMS--  | 24,123    | -----     | 564       | 600                   | 2,943    | -----     | 1,050      | 18,566     |

## Waterborne Commerce of the United States, 1987

INNERHARBOR NAVIGATION CANAL, LA.,\* (INCLUDED IN  
TRAFFIC OF PORT OF NEW ORLEANS)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                            | TOTAL       | COASTWISE |           | INTERNAL              |          | LOCAL     | THROUGH    |            |
|--------------------------------------|-------------|-----------|-----------|-----------------------|----------|-----------|------------|------------|
|                                      |             | RECEIPTS  | SHIPMENTS | THROUGH<br>NORTHBOUND | RECEIPTS | SHIPMENTS | NORTHBOUND | SOUTHBOUND |
| 3315 IRON, STEEL SHAPES, EXC SHEET-- | 22,032      | 8,635     | 648       | -----                 | 7,079    | -----     | 1,601      | 8,069      |
| 3316 IRON AND STEEL PLATES, SHEETS-- | 7,971       | -----     | 899       | -----                 | 4,171    | -----     | 846        | 2,058      |
| 3317 IRON AND STEEL PIPE AND TUBE--  | 4,535       | 142       | 315       | -----                 | 2,720    | 1,358     | -----      | -----      |
| 3318 FERROALLOYS--                   | 341,450     | 1,777     | 986       | -----                 | 2,266    | -----     | 4,373      | 332,048    |
| 3319 IRON AND STEEL PRODUCTS, NEC--  | 9,183       | 124       | 2,046     | -----                 | 930      | 1,365     | -----      | 8,718      |
| 3321 NONFERROUS METALS, NEC--        | 2,030       | 25        | 201       | -----                 | -----    | -----     | -----      | 1,084      |
| 3322 COPPER ALLOYS, UNWORKED--       | 3,828       | 2,028     | 534       | -----                 | -----    | 1,266     | -----      | -----      |
| 3323 LEAD AND ZINC, UNWORKED--       | 32,640      | -----     | 494       | -----                 | 552      | -----     | -----      | 31,594     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-- | 4,686       | 867       | 464       | -----                 | -----    | -----     | -----      | 3,565      |
| 3411 FABRICATED METAL PRODUCTS--     | 21,701      | 7,909     | 11,477    | -----                 | 1,512    | 573       | -----      | -----      |
| 3511 MACHINERY, EXCEPT ELECTRICAL--  | 13,513      | 6,280     | 3,648     | 1,350                 | 985      | 130       | -----      | 1,160      |
| 3611 ELECTRICAL MACH AND EQUIP--     | 20,370      | 15,133    | 5,237     | -----                 | -----    | -----     | -----      | -----      |
| 3711 MOTOR VEHICLES, PARTS, EQUIP--  | 5,444       | 2,530     | 2,914     | -----                 | -----    | -----     | -----      | -----      |
| 3721 AIRCRAFT AND PARTS--            | 1           | 1         | -----     | -----                 | -----    | -----     | -----      | -----      |
| 3731 SHIPS AND BOATS--               | 18          | 7         | 11        | -----                 | -----    | -----     | -----      | -----      |
| 3791 MISC TRANSPORTATION EQUIPMENT-- | 101         | -----     | 101       | -----                 | -----    | -----     | -----      | -----      |
| 3811 INSTR, TIME, PHOT, OPT GOODS--  | 2,534       | 1,849     | 685       | -----                 | -----    | -----     | -----      | -----      |
| 3911 MISC MANUFACTURED PRODUCTS--    | 48,276      | 19,674    | 28,602    | -----                 | -----    | -----     | -----      | -----      |
| 4011 IRON AND STEEL SCRAP--          | 90,886      | 18        | 259       | -----                 | 19,132   | 57,595    | -----      | 1,284      |
| 4012 NONFERROUS METAL SCRAP--        | 2,634       | 1,591     | 1,043     | -----                 | -----    | -----     | -----      | -----      |
| 4022 TEXTILE WASTE, SCRAP, SWEEP--   | 465         | 296       | 169       | -----                 | -----    | -----     | -----      | -----      |
| 4024 PAPER WASTE AND SCRAP--         | 185         | 64        | 121       | -----                 | -----    | -----     | -----      | -----      |
| 4029 WASTE AND SCRAP, NEC--          | 4,382       | 8,329     | 55        | -----                 | -----    | -----     | -----      | -----      |
| 4111 WATER--                         | 29          | -----     | -----     | -----                 | -----    | -----     | 29         | -----      |
| 4112 COMMODITIES, VEC--              | 135,450     | 60,978    | 72,202    | -----                 | 2,270    | -----     | -----      | -----      |
| 4118 WATERWAY IMPROVEMENT MAT--      | 138,800     | -----     | -----     | -----                 | -----    | 3,000     | -----      | 135,000    |
| 4119 EMPTY CONTAINERS--              | 1,096       | 27        | 174       | -----                 | 234      | 661       | -----      | -----      |
| TON-MILES, DOMESTIC,                 | 15,086,042. |           |           |                       |          |           |            |            |

TONS, ALL TRAFFIC,  
TON-MILES, ALL TRAFFIC,

7,558,379.  
20,951,672.

## MISSISSIPPI RIVER-GULF OUTLET, LA.

SECTION INCLUDED: FROM NEW ORLEANS TO THE GULF OF MEXICO VIA LAND CUT 36 FEET BY 500 FEET TO THE 38-FOOT CONTOUR IN THE GULF OF MEXICO, 75.4 MILES. CONTROLLED DEPTH (MEAN LOW GULF): MILE 66 TO MILE 0, 35 FEET; TO MILE -9.38, 38 FEET. PROJECT DEPTH: 36 FEET AND 38 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 9,411,077 | 1983----- | 3,485,000 |
| 1979----- | 8,227,225 | 1984----- | 8,034,531 |
| 1980----- | 5,541,464 | 1985----- | 6,916,446 |
| 1981----- | 5,794,760 | 1986----- | 8,144,555 |
| 1982----- | 5,571,040 | 1987----- | 7,702,792 |

## FREIGHT TRAFFIC, 1987

## FOREIGN

(SHORT TONS)

| COMMODITY                             | TOTAL   | TOTAL     | IMPORTS   | EXPORTS | THROUGH   |           |
|---------------------------------------|---------|-----------|-----------|---------|-----------|-----------|
|                                       |         |           |           |         | UPBOUND   | DOWNBOUND |
| 0101 COTTON, RAW--                    | -----   | 5,086,504 | 1,392,011 | 204,458 | 1,547,333 | 1,942,702 |
| 0102 BARLEY AND MVE--                 | -----   | 38,626    | -----     | -----   | 38,626    | -----     |
| 0103 CORN--                           | -----   | 524       | -----     | -----   | 62        | 462       |
| 0104 OATS--                           | -----   | 7,081     | -----     | -----   | 5         | 7,076     |
| 0105 RICE--                           | -----   | 393       | -----     | -----   | 393       | -----     |
| 0106 SORGHUM GRAINS--                 | -----   | 13,269    | -----     | -----   | 373       | 12,895    |
| 0107 MEAT--                           | -----   | 418       | -----     | -----   | 418       | -----     |
| 0111 SOYBEANS--                       | -----   | 89,838    | -----     | -----   | 89,838    | -----     |
| 0119 OILSEEDS, NEC--                  | -----   | 25,083    | -----     | -----   | 25,083    | -----     |
| 0121 TUBACO, LEAF--                   | -----   | 25,499    | -----     | -----   | 599       | 24,900    |
| 0129 FIELD CROPS, VEL--               | -----   | 1,623     | -----     | -----   | 162       | 1,461     |
| 0131 FRESH FRUITS--                   | -----   | 1,025     | -----     | -----   | 626       | 399       |
| 0132 BANANAS AND PLANTAINS--          | -----   | 1,487     | -----     | -----   | 16        | 1,471     |
| 0133 COFFEE--                         | -----   | 53,498    | -----     | -----   | 53,458    | 40        |
| 0134 COCA BEANS--                     | -----   | 150,002   | -----     | -----   | 113,494   | 17,108    |
| 0141 FRESH AND FROZEN VEGETABLES--    | -----   | 561       | -----     | -----   | 561       | -----     |
| 0161 ANIMALS AND PRODUCTS, NEC--      | -----   | 5,525     | -----     | -----   | 3,175     | 2,350     |
| 0191 MISCELLANEOUS FARM PRODUCTS--    | -----   | 4,802     | -----     | -----   | 206       | 4,596     |
| 3881 CRUDE RUBBER AND ALLIED GUMS--   | -----   | 1,409     | -----     | -----   | 706       | 703       |
| 3881 FOREST PRODUCTS, NEC--           | -----   | 20,779    | -----     | -----   | 20,609    | 170       |
| 0911 FRESH FISH, EXCEPT SHELLFISH--   | -----   | 5,365     | -----     | -----   | 1,186     | 4,179     |
| 0912 SHELLFISH, EXCEPT PREPARED--     | -----   | 715       | -----     | -----   | 470       | 245       |
| 0931 MARINE SHELLS, UNMANUFACTURED--  | -----   | 3,091     | -----     | -----   | 105       | 2,986     |
| 1051 ALUMINUM ORES, CONCENTRATES--    | -----   | 35        | -----     | -----   | 35        | -----     |
| 1061 MANGANESE ORES, CONCENTRATES--   | -----   | 48,977    | 16,010    | -----   | 18,658    | 8,389     |
| 1091 NONFERROUS ORES, CONCENT., NEC-- | -----   | 3,127     | -----     | -----   | 3,127     | -----     |
| 1121 COAL AND LIGNITE--               | -----   | 123,408   | 41,372    | 52,500  | 29,598    | 18        |
|                                       | 107,632 | -----     | -----     | -----   | -----     | 107,632   |

## NEW ORLEANS, LA, DISTRICT

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## MISSISSIPPI RIVER-GULF OUTLET, LA.--CONTINUED

## FREIGHT TRAFFIC, 1967--CONTINUED

## FOREIGN--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL   | IMPORTS | EXPORTS | THROUGH |           |
|--|---------|---------|---------|---------|-----------|
|  |         |         |         | UPBOUND | DOWNSOUND |
| 1411 LIMESTONE-----                      | 125     | -----   | -----   | 125     | -----     |
| 1412 BUILDING STONE, UNWORNED-----       | 20      | -----   | -----   | -----   | 20        |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 11,157  | 20      | 64      | 11,093  | -----     |
| 1451 CLAY-----                           | 300,447 | 221,649 | 6,406   | 67,790  | 4,402     |
| 1471 PHOSPHATE ROCK-----                 | 80      | -----   | -----   | -----   | 60        |
| 1492 SULPHUR, DRY-----                   | 1,496   | -----   | -----   | -----   | 1,496     |
| 1499 GYPSUM, CRUDE AND PLASTERS-----     | 100,177 | 23,661  | -----   | 83,608  | 708       |
| 1499 NONMETALLIC MINERALS, NEC-----      | 432,440 | 270,428 | 91,958  | 65,310  | 4,746     |
| 1911 ORDNANCE AND ACCESSORIES-----       | 2,079   | -----   | -----   | 2,079   | -----     |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----   | 53,383  | -----   | -----   | 13,598  | 39,785    |
| 2012 MEAT AND PRODUCTS, NEC-----         | 5,197   | -----   | -----   | 4,909   | 288       |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 2,585   | -----   | -----   | -----   | 2,585     |
| 2015 ANIMAL BY-PRODUCTS, NEC-----        | 1,143   | -----   | -----   | 78      | 1,065     |
| 2021 DAIRY PRODUCTS, NEC-----            | 5,162   | -----   | -----   | 4,864   | 298       |
| 2022 DRIED MILK AND CREAM-----           | 8,048   | -----   | -----   | -----   | 8,048     |
| 2031 FISH AND SHELLFISH, PREPARED-----   | 925     | -----   | -----   | 787     | 138       |
| 2034 VEGETABLES AND PREP, NEC-----       | 14,313  | -----   | -----   | 5,966   | 8,347     |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----  | 9,721   | -----   | -----   | 7,985   | 1,736     |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 1,238   | -----   | -----   | -----   | 1,238     |
| 2042 ANIMAL FEEDS-----                   | 133,500 | -----   | 5,483   | 306     | 127,711   |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 80,186  | -----   | -----   | 1,588   | 78,598    |
| 2061 SUGAR-----                          | 19,106  | -----   | -----   | 15,373  | 3,733     |
| 2062 MOLASSES-----                       | 12      | -----   | -----   | -----   | 12        |
| 2081 ALCOHOLIC BEVERAGES-----            | 40,614  | -----   | -----   | 35,997  | 4,617     |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 16,153  | -----   | -----   | 3,723   | 12,430    |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 6       | -----   | -----   | 6       | -----     |
| 2095 ICE-----                            | 2,622   | -----   | -----   | 2,622   | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 21,631  | -----   | -----   | 10,286  | 11,385    |
| 2111 TOBACCO MANUFACTURES-----           | 149     | -----   | -----   | 56      | 93        |
| 2211 BASIC TEXTILE PRODUCTS-----         | 22,481  | -----   | -----   | 10,655  | 11,826    |
| 2212 TEXTILE FIBERS, NEC-----            | 4,421   | -----   | -----   | 4,373   | 48        |
| 2311 APPAREL-----                        | 5,685   | -----   | -----   | 3,775   | 1,910     |
| 2411 LUGS-----                           | 2,016   | -----   | -----   | 35      | 1,981     |
| 2413 FUEL WOOD, CHARCOAL, WASTES-----    | 52      | -----   | -----   | -----   | 52        |
| 2414 TIMBER, POSTS, POLES, PILING-----   | 615     | -----   | -----   | 20      | 595       |
| 2416 WOOD CHIPS, STAVES, MULDINGS-----   | 1,957   | -----   | -----   | 1,631   | 326       |
| 2421 LUMBER-----                         | 52,623  | -----   | -----   | 6,126   | 46,497    |
| 2431 VENEER, PLYWOOD, WINKLED WOOD-----  | 13,687  | -----   | -----   | 1,385   | 12,302    |
| 2491 WOOD MANUFACTURES, NEC-----         | 10,222  | -----   | -----   | 7,395   | 2,827     |
| 2511 FURNITURE AND FIXTURES-----         | 5,249   | -----   | -----   | 4,261   | 988       |
| 2611 PULP-----                           | 80,947  | -----   | -----   | -----   | 80,947    |
| 2621 STANDARD NEWSPRINT PAPER-----       | 9,717   | -----   | -----   | 4,278   | 5,439     |
| 2631 PAPER AND PAPERBOARD-----           | 220,385 | -----   | -----   | 58,094  | 162,291   |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 5,748   | -----   | -----   | 507     | 5,241     |
| 2711 PRINTED MATERIAL-----               | 2,776   | -----   | -----   | 507     | 2,229     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 2,760   | -----   | -----   | 2,471   | 209       |
| 2812 DYES, PIGMENT, TANNING MATS-----    | 341     | -----   | -----   | -----   | 341       |
| 2813 ALCOHOLS-----                       | 2,238   | -----   | -----   | 137     | 2,101     |
| 2816 RADIODACTIVE MATERIALS, WASTES----- | 4,339   | -----   | -----   | 3,084   | 1,255     |
| 2817 BENZENE AND TOLUENE-----            | 489     | -----   | -----   | -----   | 489       |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 185,486 | 7,756   | -----   | 25,358  | 152,372   |
| 2821 PLASTIC MATERIALS-----              | 129,634 | -----   | -----   | 6,885   | 122,749   |
| 2822 SYNTHETIC RUBBER-----               | 38,093  | -----   | -----   | 1,910   | 36,183    |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----    | 1,560   | -----   | -----   | 35      | 1,525     |
| 2831 DRUGS-----                          | 4,861   | -----   | -----   | 879     | 3,982     |
| 2841 SOAP-----                           | 2,893   | -----   | -----   | 1,419   | 1,474     |
| 2851 PAINTS-----                         | 6,826   | -----   | -----   | 3,399   | 3,429     |
| 2861 GUM AND WOOD CHEMICALS-----         | 3,110   | -----   | -----   | 22      | 3,088     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 23,982  | 23,717  | -----   | -----   | 205       |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 173,080 | 164,804 | -----   | 6,244   | 32        |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 16,995  | -----   | -----   | 5,861   | 11,134    |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 93      | -----   | -----   | 14      | 79        |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 50,965  | 6,060   | -----   | 23,369  | 21,536    |
| 2911 GASOLINE-----                       | 54,848  | -----   | -----   | 54,659  | 189       |
| 2916 LUBRICATING OILS AND GREASES-----   | 62,631  | -----   | -----   | 57      | 62,574    |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 411     | -----   | -----   | -----   | 411       |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 5,580   | -----   | -----   | -----   | 5,580     |
| 2920 COKE, PETROLEUM COKE-----           | 110,006 | -----   | 19,611  | 500     | 89,895    |
| 2921 LIQUEFIED GASES-----                | 101     | -----   | -----   | 33      | 68        |
| 2951 ASPHALT BUILDING MATERIALS-----     | 45      | -----   | -----   | -----   | 45        |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 551     | -----   | -----   | 38      | 313       |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 88,434  | 152     | -----   | 28,907  | 59,375    |
| 3111 LEATHER AND LEATHER PRODUCTS-----   | 1,621   | -----   | -----   | 1,073   | 540       |
| 3211 GLASS AND GLASS PRODUCTS-----       | 8,995   | -----   | -----   | 4,367   | 4,620     |
| 3241 BUILDING CEMENT-----                | 494,816 | 25,669  | -----   | 468,232 | 915       |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 16,049  | -----   | -----   | 10,446  | 5,603     |
| 3281 CUT STONE AND STONE PRODUCTS-----   | 7,741   | -----   | -----   | 6,839   | 902       |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 13,207  | -----   | -----   | 5,922   | 7,285     |
| 3311 PIG IRON-----                       | 71,664  | 71,664  | -----   | -----   | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 10,588  | 10,266  | -----   | 244     | 78        |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 67,494  | 17,059  | -----   | 47,775  | 2,660     |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 1,994   | -----   | -----   | 151     | 1,843     |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 12,068  | 329     | -----   | 10,693  | 1,046     |
| 3318 FERROALLOYS-----                    | 461,926 | 413,175 | 28,500  | 17,781  | 2,470     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 6,047   | -----   | -----   | 4,769   | 1,270     |
| 3321 NONFERROUS METALS, NEC-----         | 1,716   | 498     | -----   | 399     | 819       |
| 3322 COPPER ALLOYS, UNWORKED-----        | 11,600  | 5,317   | -----   | 6,895   | 1,388     |
| 3323 LEAD AND ZINC, UNWORKED-----        | 2,418   | -----   | -----   | 1,075   | 563       |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----  | 12,398  | 4,941   | -----   | 6,727   | 730       |
| 3411 FABRICATED METAL PRODUCTS-----      | 32,379  | 375     | -----   | 25,740  | 6,260     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 87,423  | -----   | -----   | 59,074  | 28,349    |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 18,435  | -----   | -----   | 8,570   | 9,865     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 12,749  | -----   | -----   | 6,240   | 6,509     |
| 3721 AIRCRAFT AND PARTS-----             | 158     | -----   | -----   | 27      | 131       |

## Waterborne Commerce of the United States, 1987

MISSISSIPPI RIVER-GULF OUTLET, LA.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

| COMMODITY                            | TOTAL        | IMPORTS | EXPORTS | THROUGH |           |
|--------------------------------------|--------------|---------|---------|---------|-----------|
|                                      |              |         |         | UPBOUND | DOWNBOUND |
| 3731 SHIPS AND BOATS--               | 1,247        | -----   | -----   | 384     | 863       |
| 3791 MISC TRANSPORTATION EQUIPMENT-- | 2,610        | -----   | -----   | 341     | 2,269     |
| 3811 INSTN, TIME, PHOTO, OPT GOODS-- | 2,024        | -----   | -----   | 688     | 1,336     |
| 3911 MISC MANUFACTURED PRODUCTS--    | 3,764        | -----   | -----   | 2,404   | 1,360     |
| 4011 IRON AND STEEL SCRAP--          | 227,966      | -----   | -----   | -----   | 227,966   |
| 4012 NONFERROUS METAL SCRAP--        | 78,200       | 66,636  | -----   | 1,976   | 9,226     |
| 4022 TEXTILE WASTE, SCRAP, SWEEP--   | 1,525        | -----   | -----   | 15      | 1,510     |
| 4022 PAPER WASTE AND SCRAPS--        | 7,026        | -----   | -----   | -----   | 7,026     |
| 9112 COMMODITIES, NEC--              | 17,143       | 53      | -----   | 3,027   | 14,063    |
| 9999 DEPARTMENT OF DEFENSE AND SCI-- | 551          | -----   | -----   | -----   | 551       |
| TOTAL, FOREIGN,                      | 375,378,582. |         |         |         |           |

DOMESTIC

(SHORT TONS)

| COMMODITY                             | TOTAL     | COASTWISE |           | INTERNAL |           |         |           |
|---------------------------------------|-----------|-----------|-----------|----------|-----------|---------|-----------|
|                                       |           | THROUGH   |           | INBOUND  | OUTBOUND  | THROUGH |           |
|                                       |           | UPBOUND   | DOWNBOUND |          |           | UPBOUND | DOWNBOUND |
| TOTAL--                               | 2,616,288 | 308,717   | 651,460   | 120,211  | 1,243,634 | 237,667 | 50,599    |
| 0103 CORN--                           | 1,642     | -----     | 76        | 1,566    | -----     | -----   | -----     |
| 0104 OATS--                           | 1,047     | -----     | 1,047     | -----    | -----     | -----   | -----     |
| 0105 RICE--                           | 27,985    | 125       | 16,681    | 11,179   | -----     | -----   | -----     |
| 0106 SORGHUM GRAINS--                 | 4         | -----     | 4         | -----    | -----     | -----   | -----     |
| 0107 MEAT--                           | 6,585     | -----     | -----     | -----    | 6,585     | -----   | -----     |
| 0119 OILSEEDS, NEC--                  | 535       | -----     | 535       | -----    | -----     | -----   | -----     |
| 0121 TOBACCO, LEAF--                  | 322       | -----     | 322       | -----    | -----     | -----   | -----     |
| 0122 HAY AND FORAGE--                 | 307       | 267       | 40        | -----    | -----     | -----   | -----     |
| 0129 FIELD CROPS, NEC--               | 9,008     | 130       | 8,878     | -----    | -----     | -----   | -----     |
| 0131 FRESH FRUITS--                   | 16,685    | 1,779     | 14,906    | -----    | -----     | -----   | -----     |
| 0132 BANANAS AND PLANTAINS--          | 6,147     | 1,364     | 4,783     | -----    | -----     | -----   | -----     |
| 0133 COFFEE--                         | 31,025    | 11,969    | 19,056    | -----    | -----     | -----   | -----     |
| 0134 COCOA BEANS--                    | 677       | 373       | 304       | -----    | -----     | -----   | -----     |
| 0141 FRESH AND FROZEN VEGETABLES--    | 37,087    | 5,365     | 31,722    | -----    | -----     | -----   | -----     |
| 0151 LIVE ANIMALS--                   | 4         | 2         | 2         | -----    | -----     | -----   | -----     |
| 0161 ANIMALS AND PRODUCTS, NEC--      | 32        | -----     | 32        | -----    | -----     | -----   | -----     |
| 0191 MISCELLANEOUS FARM PRODUCTS--    | 992       | 295       | 697       | -----    | -----     | -----   | -----     |
| 0881 CRUDE RUBBER AND ALLIED GUMS--   | 540       | -----     | 540       | -----    | -----     | -----   | -----     |
| 0881 FOREST PRODUCTS, NEC--           | 391       | 188       | 203       | -----    | -----     | -----   | -----     |
| 0911 FRESH FISH, EXCEPT SHELLFISH--   | 3,387     | 2,864     | 523       | -----    | -----     | -----   | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED--     | 1,122     | 363       | 759       | -----    | -----     | -----   | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED--  | 5,300     | -----     | 5,300     | -----    | -----     | -----   | -----     |
| 1011 IRON ORE AND CONCENTRATES--      | 28,009    | -----     | -----     | 28,009   | -----     | -----   | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES--    | 6,891     | -----     | -----     | 6,891    | -----     | -----   | -----     |
| 1061 MANGANESE ORES, CONCENTRATES--   | 28,522    | -----     | -----     | 28,522   | -----     | -----   | -----     |
| 1091 NONFERROUS ORES, CONCENT., NEC-- | 41,201    | -----     | -----     | 41,201   | -----     | -----   | -----     |
| 1121 COAL AND LIGNITE--               | 16,307    | -----     | 13,332    | 2,975    | -----     | -----   | -----     |
| 1311 CRUDE PETROLEUM--                | 176,682   | -----     | 46        | -----    | 161,686   | 1,950   | -----     |
| 1411 LIMESTONE--                      | 3,390     | -----     | 156       | 3,234    | -----     | -----   | -----     |
| 1412 BUILDING STONE, UNWORKED--       | 335       | -----     | 333       | -----    | -----     | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK--     | 7,749     | 23        | 59        | 7,667    | -----     | -----   | -----     |
| 1451 CLAY--                           | 2,936     | -----     | 2,097     | -----    | 334       | 505     | -----     |
| 1494 GYPSUM, CRUDE AND PLASTERS--     | 1,651     | -----     | 1,651     | -----    | -----     | -----   | -----     |
| 1499 NONMETALLIC MINERALS, NEC--      | 946,603   | 879       | 3,390     | 8,289    | 86,135    | -----   | -----     |
| 1911 ORDNANCE AND ACCESSORIES--       | 308       | 263       | 45        | -----    | -----     | -----   | -----     |
| 2011 MEAT, FRESH, CHILLED, FROZEN--   | 65,536    | 6,008     | 59,528    | -----    | -----     | -----   | -----     |
| 2012 MEAT AND PRODUCTS, NEC--         | 15,171    | 3,142     | 12,029    | -----    | -----     | -----   | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS--   | 339       | -----     | 339       | -----    | -----     | -----   | -----     |
| 2015 ANIMAL BY-PRODUCTS, NEC--        | 1,852     | 898       | 954       | -----    | -----     | -----   | -----     |
| 2021 DAIRY PRODUCTS, NEC--            | 10,712    | 618       | 10,096    | -----    | -----     | -----   | -----     |
| 2022 DRIED MILK AND CREAM--           | 7,593     | 115       | 7,278     | -----    | -----     | -----   | -----     |
| 2031 FISH AND SHELLFISH, PREPARED--   | 50,316    | 34,575    | 15,743    | -----    | -----     | -----   | -----     |
| 2034 VEGETABLES AND PREP., NEC--      | 24,435    | 5,227     | 19,208    | -----    | -----     | -----   | -----     |
| 2039 PREP FRUIT AND VEG JUICE, NEC--  | 11,246    | 3,636     | 7,610     | -----    | -----     | -----   | -----     |
| 2041 WHEAT FLOUR AND SEMOLINA--       | 1,530     | -----     | 1,530     | -----    | -----     | -----   | -----     |
| 2042 ANIMAL FEEDS--                   | 13,527    | 994       | 3,852     | 2,423    | 6,258     | -----   | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC--       | 7,234     | 342       | 6,892     | -----    | -----     | -----   | -----     |
| 2061 SUGAR--                          | 8,025     | -----     | 8,025     | -----    | -----     | -----   | -----     |
| 2062 MOLASSES--                       | 20        | -----     | 20        | -----    | -----     | -----   | -----     |
| 2081 ALCOHOLIC BEVERAGES--            | 40,369    | 15,425    | 24,944    | -----    | -----     | -----   | -----     |
| 2091 VEGETABLE JELS, MARG, SHORT--    | 2,667     | 269       | 2,198     | -----    | -----     | -----   | -----     |
| 2099 GROCERIES--                      | 1,627     | 375       | 1,252     | -----    | -----     | -----   | -----     |
| 2111 TOBACCO MANUFACTURES--           | 50,740    | 19,583    | 31,157    | -----    | -----     | -----   | -----     |
| 2211 BASIC TEXTILE PRODUCTS--         | 492       | 126       | 366       | -----    | -----     | -----   | -----     |
| 2212 TEXTILE FIBERS, NEC--            | 1,492     | 318       | 1,574     | -----    | -----     | -----   | -----     |
| 2311 APPAREL--                        | 78        | 1         | 77        | -----    | -----     | -----   | -----     |
| 2413 FUEL WOOD, CHARCOAL, WASTES--    | 16,011    | 4,053     | 11,558    | -----    | -----     | -----   | -----     |
| 2414 TIMBERS, PUSIS, POLES, PILING--  | 564       | -----     | 39        | -----    | -----     | -----   | -----     |
| 2421 LUMBER--                         | 1,567     | 35        | 1,534     | -----    | -----     | -----   | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD--   | 20,665    | 12        | 20,653    | -----    | -----     | -----   | -----     |
| 2491 WOOD MANUFACTURES, NEC--         | 3,744     | 642       | 3,102     | -----    | -----     | -----   | -----     |
| 2511 FURNITURE AND FIXTURES--         | 5,781     | 1,170     | 4,611     | -----    | -----     | -----   | -----     |
| 2611 PULP--                           | 175       | -----     | 175       | -----    | -----     | -----   | -----     |
| 2621 STANDARD NEWSPRINT PAPER--       | 2,635     | -----     | 602       | 2,033    | -----     | -----   | -----     |
| 2631 PAPER AND PAPERBOARD--           | 15,218    | 1,456     | 13,762    | -----    | -----     | -----   | -----     |
| 2691 PULP AND PAPER PRODUCTS, NEC--   | 16,759    | 4,548     | 14,211    | -----    | -----     | -----   | -----     |
| 2711 PRINTED MATTER--                 | 960       | 475       | 485       | -----    | -----     | -----   | -----     |
| 2810 SODIUM HYDROXIDE--               | 236       | -----     | 236       | -----    | -----     | -----   | -----     |

## NEW ORLEANS, LA., DISTRICT

87

MISSISSIPPI RIVER-GULF OUTLET, LA.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | COASTWISE |           | INTERNAL |          | THROUGH |           |
|---|---------|-----------|-----------|----------|----------|---------|-----------|
|   |         | THROUGH   |           | INBOUND  | OUTBOUND | UPBOUND | DOWNBOUND |
|   |         | UPBOUND   | DOWNBOUND |          |          |         |           |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 43      | -----     | 43        | -----    | -----    | -----   | -----     |
| 2812 DYES, PIGMENT, TANNING MATS-----   | 19      | -----     | 19        | -----    | -----    | -----   | -----     |
| 2813 ALCOHOLS-----                      | 2,823   | 108       | 2,715     | -----    | -----    | -----   | -----     |
| 2817 BENZENE AND TOLUENE-----           | 195     | -----     | 196       | -----    | -----    | -----   | -----     |
| 2818 SULPHURIC ACID-----                | 784     | 40        | 627       | -----    | -----    | -----   | 117       |
| 2819 BASIC CHEMICALS AND PROD, VEC----- | 55,107  | 7,075     | 9,496     | 1,300    | 35,203   | 1,384   | 249       |
| 2821 PLASTIC MATERIALS-----             | 43,093  | 511       | 42,582    | -----    | -----    | -----   | -----     |
| 2822 SYNTHETIC RUBBER-----              | 5,969   | 5,717     | 252       | -----    | -----    | -----   | -----     |
| 2831 DRUGS-----                         | 6,241   | 2,579     | 3,662     | -----    | -----    | -----   | -----     |
| 2841 SOAP-----                          | 15,207  | 4,321     | 10,886    | -----    | -----    | -----   | -----     |
| 2851 PAINTS-----                        | 2,827   | 277       | 2,550     | -----    | -----    | -----   | -----     |
| 2861 GUM AND WOOD CHEMICALS-----        | 44      | -----     | 44        | -----    | -----    | -----   | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 55,041  | -----     | 18        | 19,787   | 35,236   | -----   | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 82,093  | -----     | 12        | 1,008    | 81,075   | -----   | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 24,860  | -----     | -----     | -----    | 24,860   | -----   | -----     |
| 2876 INSECTICIDES, DISINFECTANTS-----   | 1,971   | 703       | 1,268     | -----    | -----    | -----   | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 322,872 | -----     | 208       | -----    | 322,664  | -----   | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 2,475   | 614       | 1,859     | -----    | -----    | -----   | -----     |
| 2911 GASOLINE-----                      | 63,238  | -----     | 90        | -----    | -----    | 63,148  | -----     |
| 2912 DISTILLATE FUEL OIL-----           | 698     | -----     | -----     | -----    | -----    | -----   | 698       |
| 2915 RESIDUAL FUEL OIL-----             | 17,088  | -----     | -----     | 5,795    | -----    | -----   | 11,293    |
| 2916 LUBRICATING OILS AND GREASES-----  | 9,383   | -----     | 9,383     | -----    | -----    | -----   | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 2,646   | -----     | 2,646     | -----    | -----    | -----   | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 2,718   | -----     | 76        | 2,642    | -----    | -----   | -----     |
| 2920 COKE, PETROLEUM COKE-----          | 26,180  | -----     | 89        | 26,091   | -----    | -----   | -----     |
| 2921 LIQUEFIED GASES-----               | 30,389  | -----     | 1,198     | -----    | -----    | 11,115  | 18,076    |
| 2951 ASPHALT BUILDING MATERIALS-----    | 200     | 20        | 180       | -----    | -----    | -----   | -----     |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 9,823   | 52        | 9,771     | -----    | -----    | -----   | -----     |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 20,601  | 11,618    | 8,983     | -----    | -----    | -----   | -----     |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 1,599   | 743       | 856       | -----    | -----    | -----   | -----     |
| 3211 GLASS AND GLASS PRODUCTS-----      | 4,539   | 1,667     | 2,872     | -----    | -----    | -----   | -----     |
| 3241 BUILDING CEMENT-----               | 580     | 77        | 21        | -----    | -----    | -----   | 482       |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 5,004   | 2,704     | 2,300     | -----    | -----    | -----   | -----     |
| 3271 LIME-----                          | 12      | -----     | 12        | -----    | -----    | -----   | -----     |
| 3281 CUT STONE AND STONE PRODUCTS-----  | 4,983   | 2,669     | 2,514     | -----    | -----    | -----   | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 7,028   | 1,848     | 5,180     | -----    | -----    | -----   | -----     |
| 3311 PIG IRON-----                      | 54,369  | -----     | -----     | -----    | 54,369   | -----   | -----     |
| 3312 SLAG-----                          | 5,419   | -----     | 23        | -----    | 5,396    | -----   | -----     |
| 3313 COKE, PET ASPHALT, SOLVENTS-----   | 23      | -----     | 23        | -----    | -----    | -----   | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 35,106  | -----     | 564       | 2,155    | 32,387   | -----   | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 17,753  | 8,635     | 648       | 1,601    | 6,869    | -----   | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 5,623   | -----     | 899       | 846      | 3,878    | -----   | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 1,857   | 142       | 315       | -----    | 1,400    | -----   | -----     |
| 3318 FERROALLOYS-----                   | 362,799 | 1,777     | 986       | 5,879    | 354,157  | -----   | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 22,558  | 124       | 2,046     | -----    | 20,388   | -----   | -----     |
| 3321 NONFERROUS METALS, NEC-----        | 2,050   | 25        | 201       | -----    | 1,804    | -----   | -----     |
| 3322 COPPER ALLOYS, UNWORKED-----       | 2,562   | 2,028     | 534       | -----    | -----    | -----   | -----     |
| 3323 LEAD AND ZINC, UNWORKED-----       | 32,640  | -----     | 494       | -----    | 32,146   | -----   | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 4,886   | 867       | 464       | -----    | 3,555    | -----   | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 19,386  | 7,909     | 11,477    | -----    | -----    | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 13,848  | 6,280     | 3,608     | 2,800    | 1,160    | -----   | -----     |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 20,370  | 15,133    | 5,237     | -----    | -----    | -----   | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 5,444   | 2,530     | 2,914     | -----    | -----    | -----   | -----     |
| 3721 AIRCRAFT AND PARTS-----            | 1       | 1         | -----     | -----    | -----    | -----   | -----     |
| 3731 SHIPS AND BOATS-----               | 18      | 7         | 11        | -----    | -----    | -----   | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 101     | -----     | 101       | -----    | -----    | -----   | -----     |
| 3811 INSTR, TIME, PHOTO, OPT GUADS----- | 2,534   | 1,849     | 685       | -----    | -----    | -----   | -----     |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 46,276  | 19,674    | 28,602    | -----    | -----    | -----   | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 22,074  | 16        | 259       | 1,284    | 20,513   | -----   | -----     |
| 4012 NONFERROUS METAL SCRAP-----        | 2,634   | 1,591     | 1,043     | -----    | -----    | -----   | -----     |
| 4022 TEXTILE WASTE, SCRAP, SWEEP-----   | 465     | 296       | 169       | -----    | -----    | -----   | -----     |
| 4024 PAPER WASTE AND SCRAP-----         | 185     | 64        | 121       | -----    | -----    | -----   | -----     |
| 4029 WASTE AND SCRAP, NEC-----          | 4,382   | 4,329     | 53        | -----    | -----    | -----   | -----     |
| 4111 WATER-----                         | 29      | -----     | -----     | -----    | -----    | 29      | -----     |
| 4112 COMMODITIES, NEC-----              | 133,180 | 60,978    | 72,202    | -----    | -----    | -----   | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 6,200   | -----     | -----     | 2,000    | -----    | 4,200   | -----     |
| 4119 EMPTY CONTAINERS-----              | 201     | 27        | 174       | -----    | -----    | -----   | -----     |

TON-MILES, DOMESTIC, 91,070,997.

TONS, ALL TRAFFIC, 7,702,792.  
TON-MILES, ALL TRAFFIC, 466,449,579.

PATERNAY FROM EMPIRE, LA., TO GULF OF MEXICO

SECTION INCLUDED: FROM EMPIRE, LA., TO GULF OF MEXICO, 10 MILES. CONTROLLING DEPTH (MEAN LOW GULF): THRU DOULLUT CANAL, 6 FEET; DOULLUT CANAL TO JETTIES, 9 FEET; BAR CHANNEL, 12 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 312,410 | 1983----- | 759,967 |
| 1979----- | 742,187 | 1984----- | 493,232 |
| 1980----- | 417,337 | 1985----- | 714,887 |
| 1981----- | 703,567 | 1986----- | 929,239 |
| 1982----- | 751,264 | 1987----- | 979,288 |

## Waterborne Commerce of the United States, 1987

WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO--CONTINUED

## FREIGHT TRAFFIC, 1987

DOMESTIC  
(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |         |           |
|---|---------|----------|----------|---------|-----------|
|   |         | INBOUND  | OUTBOUND | THROUGH |           |
|   |         |          |          | UPBOUND | DOWNBOUND |
| TOTAL-----                              | 979,288 | 122,136  | 563,086  | 182,506 | 111,560   |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 6,034   | 6,034    | -----    | -----   | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 43,663  | 43,663   | -----    | -----   | -----     |
| 1311 CRUDE PETROLEUM-----               | 753,804 | 70,435   | 587,721  | 135,648 | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 16      | -----    | -----    | 16      | -----     |
| 1451 CLAY-----                          | 6,544   | -----    | 94       | 1,106   | 5,388     |
| 2042 ANIMAL FEEDS-----                  | 11,129  | -----    | 11,129   | -----   | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 65      | -----    | -----    | -----   | 65        |
| 2914 DISTILLATE FUEL OIL-----           | 11,265  | 4        | -----    | 590     | 10,671    |
| 2915 RESIDUAL FUEL OIL-----             | 4,180   | -----    | 4,140    | -----   | -----     |
| 3241 BUILDING CEMENT-----               | 4,760   | -----    | -----    | 358     | 4,402     |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 4,373   | -----    | -----    | 1,110   | 3,263     |
| 3411 FABRICATED METAL PRODUCTS-----     | 202     | -----    | 1        | 105     | 96        |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 13,125  | -----    | -----    | 2,113   | 11,012    |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 109,926 | -----    | -----    | 41,407  | 68,519    |
| 4111 WATER-----                         | 8,209   | -----    | 1        | 20      | 8,188     |
| 4112 COMMODITIES, NEC-----              | 16      | -----    | -----    | 16      | -----     |
| 4119 EMPTY CONTAINERS-----              | 17      | -----    | -----    | 17      | -----     |
| TOTAL TON-MILES, 3,690,154.             |         |          |          |         |           |

## BARATARIA BAY WATERWAY, LA.

SECTION INCLUDED: FROM GULF INTRACOASTAL WATERWAY TO GULF OF MEXICO WITH SIDE CHANNEL TO GRAND ISLE, 40.2 MILES. CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 13 FEET; TO GULF INTRACOASTAL WATERWAY, 10 FEET. PROJECT DEPTH: BAR CHANNEL, 15 FEET; TO GULF INTRACOASTAL WATERWAY, 12 FEET.

## CUMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,515,067 | 1983----- | 1,013,508 |
| 1979----- | 1,896,961 | 1984----- | 1,463,213 |
| 1980----- | 2,029,840 | 1985----- | 1,598,246 |
| 1981----- | 1,687,257 | 1986----- | 1,307,500 |
| 1982----- | 1,160,092 | 1987----- | 830,657   |

## FREIGHT TRAFFIC, 1987

DOMESTIC  
(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |            |            |            |            |
|---|---------|----------|----------|------------|------------|------------|------------|
|   |         | INBOUND  | OUTBOUND | NORTHBOUND | SOUTHBOUND | THROUGH    |            |
|   |         |          |          |            |            | NORTHBOUND | SOUTHBOUND |
| TOTAL-----                              | 830,657 | 140,012  | 595,221  | 182        | 626        | 80,835     | 13,781     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 3,614   | 2,490    | -----    | -----      | -----      | 724        | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 15,014  | 12,005   | -----    | -----      | -----      | 3,009      | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 6,000   | 4,000    | -----    | -----      | -----      | 2,000      | -----      |
| 1311 CRUDE PETROLEUM-----               | 155,567 | -----    | 79,936   | -----      | -----      | 75,631     | -----      |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 100     | 17       | 31       | -----      | -----      | 29         | 23         |
| 1451 CLAY-----                          | 28,771  | 27,319   | 1,026    | 1          | 252        | 12         | 161        |
| 1493 SULPHUR, LIQUID-----               | 402,856 | -----    | 402,856  | -----      | -----      | -----      | -----      |
| 1499 NONMETALLIC MINERALS, NEC-----     | 36      | -----    | -----    | -----      | 36         | -----      | -----      |
| 2094 GROCERIES-----                     | 5       | -----    | 1        | 2          | 1          | -----      | 1          |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 7,919   | 7,319    | -----    | -----      | -----      | 600        | -----      |
| 2211 BASIC TEXTILE PRODUCTS-----        | 350     | -----    | -----    | -----      | -----      | 350        | -----      |
| 2414 TIMBER, POSTS, POLES, PILING-----  | 465     | 20       | -----    | -----      | -----      | -----      | 445        |
| 2491 WOOD MANUFACTURES, NEC-----        | 4       | -----    | -----    | -----      | -----      | -----      | 4          |
| 2813 ALCOHOLS-----                      | 24      | 24       | -----    | -----      | -----      | -----      | -----      |
| 2818 SULPHURIC ACID-----                | 164     | 72       | -----    | -----      | -----      | -----      | 92         |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 3,028   | 2,904    | 61       | -----      | -----      | 25         | 38         |
| 2914 DISTILLATE FUEL OIL-----           | 33,775  | 26,005   | 2,559    | 56         | -----      | 162        | 4,593      |
| 2915 RESIDUAL FUEL OIL-----             | 36,065  | 36,065   | -----    | -----      | -----      | -----      | -----      |
| 3241 BUILDING CEMENT-----               | 2,686   | 1,461    | 240      | 12         | -----      | 124        | 829        |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 355     | -----    | -----    | -----      | -----      | -----      | 335        |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 1,742   | 520      | 199      | 3          | 251        | 20         | 945        |
| 3411 FABRICATED METAL PRODUCTS-----     | 350     | 114      | 147      | 4          | 1          | 42         | 42         |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 87,558  | 625      | 85,350   | 101        | 52         | 114        | 1,116      |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 19      | -----    | 7        | -----      | -----      | 12         | -----      |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 40,551  | 15,295   | 22,378   | -----      | -----      | 881        | 1,997      |
| 4029 WASTE AND SCRAP, NEC-----          | 12      | 12       | -----    | -----      | -----      | -----      | -----      |
| 4111 WATER-----                         | 395     | 2        | 213      | -----      | 33         | -----      | 147        |
| 4112 COMMODITIES, NEC-----              | 130     | 31       | 69       | 3          | -----      | 4          | 23         |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 2,750   | 2,750    | -----    | -----      | -----      | -----      | -----      |
| 4119 EMPTY CONTAINERS-----              | 372     | 142      | 148      | -----      | -----      | 42         | 40         |
| TOTAL TON-MILES, 17,283,235.            |         |          |          |            |            |            |            |

## NEW ORLEANS, LA, DISTRICT

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## BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY, LA.

SECTION INCLUDED: THIBODAUX, LA., TO GULF OF MEXICO, 79 MILES. CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 19 FEET; JETTY CHANNEL, 17 FEET; TO LEEVILLE, 8 FEET; TO GOLDEN MEADOW, 9 FEET; TO LAROSE, 7 FEET; TO LOCKPORT, 7 FEET; TO THIBODAUX, 4 FEET. PROJECT DEPTHS: 6 FEET THIBODAUX TO LOCKPORT; 9 FEET TO LAROSE; 6 FEET TO GOLDEN MEADOW; 9 FEET TO LEEVILLE; 12 FEET TO GULF; 12 FEET IN GRAND BAYOU BLUE CHANNEL FROM GULF INTRACOASTAL WATERWAY TO LEEVILLE; 12 FEET LEEVILLE TO GRAND ISLE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,602,893 | 1983----- | 663,500   |
| 1979----- | 1,221,345 | 1984----- | 1,000,607 |
| 1980----- | 1,062,668 | 1985----- | 1,240,000 |
| 1981----- | 892,603   | 1986----- | 820,235   |
| 1982----- | 766,660   | 1987----- | 980,051   |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL       | FOREIGN |         | DOMESTIC INTERNAL |          |            |            |         |            |
|---|-------------|---------|---------|-------------------|----------|------------|------------|---------|------------|
|   |             | IMPORTS | EXPORTS | INBOUND           | OUTBOUND | NORTHBOUND |            | THROUGH | SOUTHBOUND |
|   |             |         |         |                   |          | SOUTHBOUND | NORTHBOUND |         |            |
| TOTAL-----                              | 988,451     | 1       | 196     | 398,406           | 559,884  | 10,555     | 546        | 18,813  | 450        |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 3,403       |         |         | 3,403             | -----    | -----      | -----      | -----   | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 33,158      |         |         | 33,158            | -----    | -----      | -----      | -----   | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 30,700      |         |         | 30,700            | -----    | -----      | -----      | -----   | -----      |
| 1311 CRUDE PETROLEUM-----               | 264,501     |         |         | 15,015            | 221,554  | 10,418     | -----      | 17,514  | -----      |
| 1451 CLAY-----                          | 53,814      |         |         | 73,368            | 10,446   | -----      | -----      | -----   | -----      |
| 1499 NONMETALLIC MINERALS, NEC-----     | 14,372      |         |         | 13,675            | 697      | -----      | -----      | -----   | -----      |
| 2094 GROCERIES-----                     | 349         |         |         | -----             | 349      | -----      | -----      | -----   | -----      |
| 2311 APPAREL-----                       | 6           |         |         | 6                 | -----    | -----      | -----      | -----   | -----      |
| 2511 FURNITURE AND FIXTURES-----        | 2           |         | 2       | -----             | -----    | -----      | -----      | -----   | -----      |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 4,175       |         |         | 3,828             | 347      | -----      | -----      | -----   | -----      |
| 2912 JET FUEL-----                      | 88          |         |         | -----             | 88       | -----      | -----      | -----   | -----      |
| 2914 DISTILLATE FUEL OIL-----           | 106,301     |         |         | 95,603            | 9,156    | 157        | 546        | 709     | 150        |
| 3241 BUILDING CEMENT-----               | 5,866       |         |         | 757               | 5,109    | -----      | -----      | -----   | -----      |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 7,154       |         |         | 1,638             | 5,516    | -----      | -----      | -----   | -----      |
| 3411 FABRICATED METAL PRODUCTS-----     | 2,335       |         |         | 31                | 2,304    | -----      | -----      | -----   | -----      |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 83,865      | 1       | -----   | 7,348             | 76,516   | -----      | -----      | -----   | -----      |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 1           |         | 1       | -----             | -----    | -----      | -----      | -----   | -----      |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 2           |         | 2       | -----             | -----    | -----      | -----      | -----   | -----      |
| 3731 SHIPS AND BOATS-----               | 191         |         | 191     | -----             | -----    | -----      | -----      | -----   | -----      |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 331,224     |         |         | 116,543           | 214,341  | -----      | -----      | 190     | 150        |
| 4029 WASTE AND SCRAP, NEC-----          | 57          |         |         | 57                | -----    | -----      | -----      | -----   | -----      |
| 4111 WATER-----                         | 10,478      |         |         | 2,965             | 13,363   | -----      | -----      | -----   | 150        |
| 4112 COMMODITIES, NEC-----              | 179         |         |         | 81                | 98       | -----      | -----      | -----   | -----      |
| 4119 EMPTY CONTAINERS-----              | 230         |         |         | 230               | -----    | -----      | -----      | -----   | -----      |
| TOTAL TON-MILES,                        | 17,126,584. |         |         |                   |          |            |            |         |            |

## BAYOU LITTLE CAILLOU, LA.

SECTION INCLUDED: FROM BAYOU TERREBONNE TO ROBINSON CANAL, 20.6 MILES. CONTROLLING DEPTH (MEAN LOW GULF): MILE 0 TO MILE 6, 1 FEET; TO CHAUVIN BRIDGE, 4 FEET; TO ROBINSON CANAL, 5 FEET. PROJECT DEPTH: 5 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS      |
|-----------|---------|-----------|-----------|
| 1978----- | 801,637 | 1983----- | 641,571   |
| 1979----- | 849,085 | 1984----- | 546,614   |
| 1980----- | 423,120 | 1985----- | 770,478   |
| 1981----- | 248,062 | 1986----- | 944,657   |
| 1982----- | 535,650 | 1987----- | 1,137,423 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL      | INTERNAL |           |
|---|------------|----------|-----------|
|   |            | INBOUND  | OUTBOUND  |
| TOTAL-----                              | 1,137,423  | 12,645   | 1,124,778 |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 160        | 160      | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 4,605      | 4,605    | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 2,600      | 2,600    | -----     |
| 1311 CRUDE PETROLEUM-----               | 1,096,734  | -----    | 1,096,734 |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 26,622     | -----    | 26,622    |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 100        | 100      | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 5,379      | 5,379    | -----     |
| 3241 BUILDING CEMENT-----               | 41         | 41       | 40        |
| 4111 WATER-----                         | 1,182      | -----    | 1,182     |
| TOTAL TON-MILES:                        | 3,657,250. |          |           |

## Waterborne Commerce of the United States, 1987

## HOUMA NAVIGATION CANAL, LA.

SECTION INCLUDED: 36.6 MILES FROM INTERSECTION OF GULF INTRACOASTAL WATERWAY AT HOUMA TO GULF OF MEXICO. CONTROLLING DEPTH: (MEAN LOW GULF): CAT ISLAND PASS, 17 FEET; TO MILE 34, 15 FEET. TO GULF INTRACOASTAL WATERWAY, 16 FEET. PROJECT DEPTH: CAT ISLAND PASS, 18 FEET; TO GULF INTRACOASTAL WATERWAY, 15 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 1,779,873 | 1983----- | 1,210,832 |
| 1979----- | 1,557,825 | 1984----- | 1,363,823 |
| 1980----- | 1,163,735 | 1985----- | 1,469,032 |
| 1981----- | 986,663   | 1986----- | 1,452,942 |
| 1982----- | 1,215,283 | 1987----- | 1,411,093 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL     | INTERNAL |          | THROUGH    |            |
|--|-----------|----------|----------|------------|------------|
|  |           | INBOUND  | OUTBOUND | NORTHBOUND | SOUTHBOUND |
| TOTAL-----                               | 1,411,893 | 18,877   | 14,478   | 1,273,344  | 105,194    |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 1,225     | 248      | -----    | 722        | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 35,304    | 12,793   | -----    | 22,511     | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 2,400     | -----    | -----    | -----      | 2,400      |
| 1311 CRUDE PETROLEUM-----                | 1,190,116 | -----    | -----    | 1,190,116  | -----      |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 3         | -----    | -----    | -----      | 3          |
| 1451 CLAY-----                           | 43,567    | -----    | -----    | 15,724     | 27,843     |
| 1499 NONMETALLIC MINERALS, NEC-----      | 20,430    | 4,517    | 9,595    | -----      | 6,318      |
| 2042 ANIMAL FEEDS-----                   | 25,522    | -----    | -----    | 25,522     | -----      |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 1,322     | -----    | -----    | 1,322      | -----      |
| 2099 GROCERIES-----                      | 1,207     | -----    | -----    | 1,204      | 3          |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 15,438    | -----    | -----    | 3,150      | 12,288     |
| 2421 LUMBER-----                         | 350       | -----    | -----    | -----      | 350        |
| 2491 WOOD MANUFACTURES, NEC-----         | 80        | -----    | -----    | 80         | -----      |
| 2618 SULPHURIC ACID-----                 | 20        | -----    | -----    | 20         | -----      |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 2,678     | -----    | -----    | 1,963      | 915        |
| 2914 DISTILLATE FUEL OIL-----            | 59,123    | 1,031    | -----    | 6,478      | 51,614     |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 25        | -----    | -----    | 25         | -----      |
| 3241 BUILDING CEMENT-----                | 4,639     | -----    | -----    | 2,810      | 1,829      |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 6,686     | -----    | 4,791    | 1,047      | 1,030      |
| 3411 FABRICATED METAL PRODUCTS-----      | 107       | -----    | -----    | 15         | 92         |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 359       | 89       | 92       | 55         | 123        |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 592       | 3        | -----    | 290        | 299        |
| 4111 WATER-----                          | 116       | -----    | -----    | 29         | 87         |
| 4112 COMMODITIES, NEC-----               | 1         | -----    | -----    | 1          | -----      |
| 4119 EMPTY CONTAINERS-----               | 200       | -----    | -----    | 200        | -----      |
| TOTAL TON-MILES, 31,902,005.             |           |          |          |            |            |

## ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO

SECTION INCLUDED: FROM MORGAN CITY, LA., TO THE 20-FOOT CONTOUR IN THE GULF OF MEXICO. CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 17 FEET; BAY CHANNEL, 20 FEET. PROJECT DEPTH: 20 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 3,601,216 | 1983----- | 3,083,098 |
| 1979----- | 3,122,965 | 1984----- | 3,365,132 |
| 1980----- | 2,826,294 | 1985----- | 9,929,540 |
| 1981----- | 2,460,896 | 1986----- | 5,605,856 |
| 1982----- | 2,294,692 | 1987----- | 5,418,400 |

## FREIGHT TRAFFIC, 1987

## FOREIGN

(SHORT TONS)

| COMMODITY                              | TOTAL  | IMPORTS | EXPORTS | THROUGH    |            |
|--|--------|---------|---------|------------|------------|
|  |        |         |         | NORTHBOUND | SOUTHBOUND |
| TOTAL-----                             | 42,293 | 1,868   | 9,339   | 2          | 31,088     |
| 0103 CORN-----                         | 5,135  | -----   | 2,170   | -----      | 965        |
| 0107 MEAT-----                         | 10,415 | -----   | -----   | -----      | 10,415     |
| 0141 FRESH AND FROZEN VEGETABLES-----  | 39     | -----   | -----   | -----      | 39         |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----   | 60     | -----   | -----   | -----      | 60         |
| 2022 DRIED MILK AND CREAM-----         | 1,968  | -----   | -----   | -----      | 1,968      |
| 2041 MEAT FLOUR AND SEMOLINA-----      | 384    | -----   | -----   | -----      | 384        |
| 2049 GRAIN MILL PRODUCTS, NEC-----     | 4,442  | -----   | -----   | -----      | 4,442      |
| 2091 VEGETABLE OILS, MARG, SHORT-----  | 657    | -----   | 153     | -----      | 704        |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----  | 10,973 | -----   | 4,618   | -----      | 6,355      |
| 2211 BASIC TEXTILE PRODUCTS-----       | 15     | -----   | -----   | -----      | 15         |
| 2311 APPAREL-----                      | 73     | 73      | -----   | -----      | -----      |
| 2421 LUMBER-----                       | 20     | -----   | 20      | -----      | -----      |
| 2511 FURNITURE AND FIXTURES-----       | 8      | 8       | -----   | -----      | -----      |
| 2631 PAPER AND PAPERBOARD-----         | 1,056  | 1,056   | -----   | -----      | -----      |
| 2691 PULP AND PAPER PRODUCTS, NEC----- | 5      | -----   | 5       | -----      | -----      |

## NEW ORLEANS, LA, DISTRICT

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ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

| COMMODITY                          | TOTAL | IMPORTS | EXPORTS | THROUGH    |            |
|------------------------------------|-------|---------|---------|------------|------------|
|                                    |       |         |         | NORTHBOUND | SOUTHBOUND |
| 2819 BASIC CHEMICALS AND PROD, NEC | 49    |         | 49      |            |            |
| 2851 PAINTS                        | 1     |         | 1       |            |            |
| 2671 NITROGENOUS CHEM FERTILIZERS  | 22    |         | 22      |            |            |
| 2891 MISCELLANEOUS CHEMICAL PROD   | 3     |         |         |            | 3          |
| 2916 LUBRICATING OILS AND GREASES  | 25    |         | 12      |            | 13         |
| 3011 RUBBER AND MISC PLASTIC PROD  | 1     |         | 1       |            |            |
| 3111 LEATHER AND LEATHER PRODUCTS  | 4     |         |         |            | 4          |
| 3315 IRON, STEEL SHAPES, EXC SHEET | 9     |         |         |            | 9          |
| 3316 IRON AND STEEL PLATE& SHEETS  | 38    |         |         |            | 38         |
| 3317 IRON AND STEEL PIPE AND TUBE  | 1,016 |         |         |            | 1,016      |
| 3324 ALUMINUM AND ALLOYS, UNWORKED | 2     |         |         |            | 2          |
| 3411 FABRICATED METAL PRODUCTS     | 1,327 | 698     | 9       |            | 620        |
| 3511 MACHINERY, EXCEPT ELECTRICAL  | 5,683 |         | 2,253   |            | 3,430      |
| 3611 ELECTRICAL MACH AND EQUIP     | 35    | 2       | 6       |            | 27         |
| 3711 MOTOR VEHICLES, PARTS, EQUIP  | 1     |         |         |            | 1          |
| 3731 SHIPS AND BOATS               | 569   |         | 13      |            | 556        |
| 3911 MISC MANUFACTURED PRODUCTS    | 1     | 1       |         |            |            |
| 4112 COMMODITIES, NEC              | 57    | 30      | 7       | 2          | 18         |

TON-MILES, FOREIGN, 1,533,755.

## DOMESTIC

(SHORT TONS)

| COMMODITY                          | TOTAL     | INTERNAL |          |            |            | THROUGH    |            |
|------------------------------------|-----------|----------|----------|------------|------------|------------|------------|
|                                    |           | INBOUND  | OUTBOUND | NORTHBOUND | SOUTHBOUND | NORTHBOUND | SOUTHBOUND |
| TOTAL-----                         | 5,376,107 | 43,897   | 105,091  | 9          | 35         | 2,451,241  | 2,775,836  |
| 0911 FRESH FISH, EXCEPT SHELLFISH  | 3,699     | 3,197    |          |            |            | 502        |            |
| 0912 SHELLFISH, EXCEPT PREPARED    | 15,016    | 14,382   |          |            |            | 631        |            |
| 0931 MARINE SHELLS, UNMANUFACTURED | 1,959,550 | 18,600   | 6,461    |            |            | 1,926,989  | 7,500      |
| 1311 CRUDE PETROLEUM               | 414,784   | 1,092    | 98,503   |            |            | 312,565    | 2,628      |
| 1442 SAND, GRAVEL, CRUSHED ROCK    | 244       |          |          |            |            |            | 244        |
| 1451 CLAY                          | 37,795    | 1,750    |          |            |            | 6,297      | 29,748     |
| 1499 NONMETALLIC MINERALS, NEC     | 4,252     | 3,471    |          |            |            |            | 781        |
| 2099 GROCERIES                     | 68        |          |          |            |            | 4          | 64         |
| 2099 MISCELLANEOUS FOOD PRODUCTS   | 51,612    |          |          |            |            |            | 51,612     |
| 2211 BASIC TEXTILE PRODUCTS        | 23        |          |          |            |            |            | 23         |
| 2311 APPAREL                       | 1         |          |          |            |            | 1          |            |
| 2491 WOOD MANUFACTURES, NEC        | 17        |          |          |            |            |            | 16         |
| 2691 PULP AND PAPER PRODUCTS, NEC  | 4         |          |          |            |            | 2          | 2          |
| 2813 ALCOHOLS                      | 1         |          |          |            |            |            | 1          |
| 2819 BASIC CHEMICALS AND PROD, NEC | 486,998   | 93       | 126      |            |            | 39,255     | 447,524    |
| 2841 SOAP                          | 1         |          |          |            |            |            | 1          |
| 2851 PAINTS                        | 150       |          |          |            |            |            | 150        |
| 2891 MISCELLANEOUS CHEMICAL PROD   | 106       |          |          |            |            |            | 106        |
| 2916 DISTILLATE FUEL OIL           | 489,466   | 128      |          |            |            | 5,752      | 483,586    |
| 2916 LUBRICATING OILS AND GREASES  | 3         |          |          |            |            |            | 3          |
| 3241 BUILDING CEMENT               | 429,874   | 434      |          |            |            | 1,916      | 427,524    |
| 3251 STRUCTURAL CLAY PRODUCTS      | 67        |          |          |            |            |            | 67         |
| 3291 MISC NONMETALLIC MINERAL PROD | 1,057     | 750      |          |            |            |            | 307        |
| 3313 COKE, PET ASPHALT, SOLVENTS   | 65        |          |          |            |            |            | 65         |
| 3317 IRON AND STEEL PIPE AND TUBE  | 473,520   |          |          |            |            | 43,784     | 430,036    |
| 3411 FABRICATED METAL PRODUCTS     | 39,810    |          |          |            |            | 39,249     | 561        |
| 3511 MACHINERY, EXCEPT ELECTRICAL  | 39,727    |          | 1        |            |            | 15,153     | 24,573     |
| 3911 MISC MANUFACTURED PRODUCTS    | 512,149   |          |          |            | 35         | 54,046     | 450,068    |
| 4011 IRON AND STEEL SCRAP          | 9         |          |          |            |            |            |            |
| 4021 PAPER WASTE AND SCRAP, NEC    | 64        |          |          |            |            | 64         |            |
| 4029 WASTE AND SCRAP, NEC          | 42        |          |          |            |            | 42         |            |
| 4111 WATER                         | 405,403   |          |          |            |            | 578        | 404,825    |
| 4112 COMMODITIES, NEC              | 10,116    |          |          |            |            | 4,309      | 5,807      |
| 4119 EMPTY CONTAINERS              | 114       |          |          |            |            | 98         | 16         |

TON-MILES, DOMESTIC, 191,958,628.

TONS, ALL TRAFFIC, 5,418,430.

TON-MILES, ALL TRAFFIC, 193,492,393.

## ATCHAFALAYA RIVER, LA.

SECTION INCLUDES: OLD RIVER LOCK AT MISSISSIPPI RIVER THROUGH OLD RIVER TO THREE RIVERS THEN VIA ATCHAFALAYA RIVER TO MORGAN CITY, LA., 121 MILES. CONTROLLING DEPTH (V. G. V. D.) IS 12 FEET. PROJECT DEPTH IS 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS       |
|-----------|-----------|-----------|------------|
| 1978----- | 6,560,407 | 1983----- | 5,271,667  |
| 1979----- | 4,124,018 | 1984----- | 5,042,798  |
| 1980----- | 4,327,349 | 1985----- | 6,850,873  |
| 1981----- | 4,883,903 | 1986----- | 7,263,399  |
| 1982----- | 3,844,571 | 1987----- | 12,600,012 |

## Waterborne Commerce of the United States, 1987

ATCHAFALAYA RIVER, LA.--CONTINUED

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                            | TOTAL        | INTERNAL  |           |            |            | THROUGH    |            |
|--------------------------------------|--------------|-----------|-----------|------------|------------|------------|------------|
|                                      |              | INBOUND   | OUTBOUND  | NORTHBOUND | SOUTHBOUND | NORTHBOUND | SOUTHBOUND |
| TOTAL                                | 12,600,012   | 3,040,295 | 1,340,673 | 3,821      | 21,281     | 3,664,884  | 8,929,078  |
| 0103 CORN--                          | 92,327       | -----     | 65,779    | -----      | -----      | 20,225     | 6,323      |
| 0104 OATS--                          | 4,306        | -----     | -----     | -----      | -----      | -----      | 6,306      |
| 0105 RICE--                          | 74,887       | -----     | -----     | -----      | -----      | -----      | 74,887     |
| 0106 SORGHUM GRAINS--                | 95,678       | -----     | -----     | -----      | -----      | 86,787     | 6,891      |
| 0107 WHEAT--                         | 14,474       | -----     | 1,560     | -----      | -----      | 12,914     | -----      |
| 0111 SOYBEANS--                      | 189,759      | -----     | 59,459    | -----      | -----      | 130,300    | -----      |
| 0911 FRESH FISH, EXCEPT SHELLFISH--  | 1,156        | -----     | 131       | -----      | 1,025      | -----      | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED--    | 14,582       | -----     | 640       | -----      | 13,982     | -----      | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED-- | 34,450       | 27,700    | -----     | -----      | -----      | 6,750      | -----      |
| 1011 IRON ORE AND CONCENTRATES--     | 1,315        | -----     | -----     | -----      | -----      | 1,315      | -----      |
| 1061 MANGANESE ORES, CONCENTRATES--  | 1,487        | -----     | -----     | -----      | -----      | -----      | 1,487      |
| 1311 CRUDE PETROLEUM--               | 2,181,889    | 1,874,178 | 209,353   | -----      | -----      | 68,064     | 30,294     |
| 1411 LIMESTONE--                     | 9,116        | 3,031     | -----     | -----      | -----      | -----      | 6,085      |
| 1442 SAND, GRAVEL, CRUSHED ROCK--    | 254,873      | 1,400     | -----     | -----      | -----      | -----      | 253,473    |
| 1451 CLAY--                          | 52,786       | 48,393    | 4,393     | -----      | -----      | -----      | -----      |
| 1493 SULPHUR, LIQUID--               | 5,379        | -----     | -----     | -----      | -----      | 5,379      | -----      |
| 1499 NONMETALLIC MINERALS, NEC--     | 565,717      | 6,590     | 600       | -----      | -----      | 556,988    | 1,539      |
| 2042 ANIMAL FEEDS--                  | 9,507        | -----     | -----     | -----      | -----      | 6,514      | 2,993      |
| 2061 SUGAR--                         | 4,530        | -----     | -----     | -----      | -----      | 4,530      | -----      |
| 2062 MOLASSES--                      | 6,520        | -----     | -----     | -----      | -----      | 3,433      | 2,887      |
| 2091 VEGETABLE OILS, MANG, SHORT--   | 7,290        | -----     | -----     | -----      | -----      | 2,970      | 4,320      |
| 2099 GROCERIES--                     | 0            | 6         | 2         | -----      | -----      | -----      | -----      |
| 2411 LUGS--                          | 9,651        | 9,681     | -----     | -----      | -----      | -----      | -----      |
| 2491 WOOD MANUFACTURES, NEC--        | 2            | -----     | 2         | -----      | -----      | -----      | -----      |
| 2621 STANDARD NEWSPRINT PAPER--      | 6,119        | -----     | -----     | -----      | -----      | 6,119      | -----      |
| 2631 PAPER AND PAPERBOARD--          | 6,905        | -----     | -----     | -----      | -----      | 5,677      | 1,226      |
| 2810 SODIUM HYDROXIDE--              | 197,159      | -----     | -----     | -----      | -----      | 107,772    | 89,387     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS--  | 95,127       | 8,678     | 12,798    | -----      | -----      | 21,760     | 51,891     |
| 2813 ALCOHOLS--                      | 101,594      | -----     | -----     | -----      | -----      | 81,584     | 60,050     |
| 2817 BENZENE AND TOLUENE--           | 93,937       | 8,186     | -----     | -----      | -----      | 74,492     | 11,259     |
| 2818 SULPHURIC ACID--                | 31,412       | -----     | -----     | -----      | -----      | 20,991     | 10,421     |
| 2819 BASIC CHEMICALS AND PROD, NEC-- | 1,012,681    | 4,013     | 4,704     | -----      | -----      | 943,585    | 60,419     |
| 2871 NITROGENOUS CHEM FERTILIZERS--  | 123,054      | 13,000    | -----     | -----      | -----      | 3,125      | 100,929    |
| 2872 POTASSIUM CHEM FERTILIZERS--    | 21,085       | -----     | -----     | -----      | -----      | 21,085     | -----      |
| 2873 PHOSPHATIC CHEM FERTILIZERS--   | 14,272       | -----     | -----     | -----      | -----      | -----      | 14,272     |
| 2879 FERTILIZER AND MATERIALS, NEC-- | 6,040        | -----     | -----     | -----      | -----      | 1,672      | 4,368      |
| 2891 MISCELLANEOUS CHEMICAL PROD--   | 25,983       | -----     | -----     | -----      | -----      | 11,839     | 14,144     |
| 2911 GASOLINE--                      | 1,360,560    | 50,779    | 514,515   | 3,033      | -----      | 446,201    | 340,032    |
| 2912 JET FUEL--                      | 19,522       | -----     | 5,900     | -----      | -----      | 13,622     | -----      |
| 2913 KEROSENE--                      | 21,767       | -----     | -----     | -----      | -----      | 21,767     | -----      |
| 2914 DISTILLATE FUEL OIL--           | 1,027,796    | 491,796   | 141,950   | 768        | 6,314      | 274,938    | 112,030    |
| 2915 RESIDUAL FUEL OIL--             | 684,992      | 221,691   | 231,160   | -----      | -----      | 107,284    | 129,857    |
| 2916 LUBRICATING OILS AND GREASES--  | 345,469      | -----     | -----     | -----      | -----      | 314,720    | 30,749     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS--   | 371,296      | 80,097    | 56,430    | -----      | -----      | 183,199    | 91,570     |
| 2918 ASPHALT, TAH, AND PITCHES--     | 54,902       | -----     | -----     | -----      | -----      | 54,902     | -----      |
| 2920 COKE, PETROLEUM COKE--          | 57,638       | -----     | -----     | -----      | -----      | 46,510     | 9,120      |
| 2921 LIQUEFIED GASES--               | 24,500       | 1,878     | 20,285    | -----      | -----      | 2,337      | -----      |
| 2991 PETROLEUM AND CUAL PROD, NEC--  | 42,393       | 15,164    | 5,246     | -----      | -----      | 13,000     | 8,921      |
| 3241 BUILDING CEMENT--               | 4,477        | 1,486     | 2,971     | 20         | -----      | -----      | -----      |
| 3271 LIME--                          | 7,100        | -----     | -----     | -----      | -----      | -----      | 7,100      |
| 3291 MISC NONMETALLIC MINERAL PROD-- | 9,936        | -----     | -----     | -----      | -----      | 9,936      | -----      |
| 3311 PIG IRON--                      | 5,209        | -----     | -----     | -----      | -----      | -----      | 5,209      |
| 3312 IRON AND STEEL PRIMARY FORMS--  | 17,133       | -----     | -----     | -----      | -----      | 5,178      | 11,955     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-- | 59,051       | -----     | -----     | -----      | -----      | 32,421     | 26,630     |
| 3316 IRON AND STEEL PLATES, SHEETS-- | 23,798       | -----     | -----     | -----      | -----      | 983        | 22,815     |
| 3317 IRON AND STEEL PIPE AND TUBE--  | 17,340       | 75        | 108       | -----      | -----      | 548        | 16,609     |
| 3318 FERROALLOYS--                   | 827          | -----     | -----     | -----      | -----      | 827        | -----      |
| 3319 IRON AND STEEL PRODUCTS, NEC--  | 4,829        | -----     | -----     | -----      | -----      | 1,403      | 8,426      |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-- | 2,396        | -----     | -----     | -----      | -----      | -----      | 2,396      |
| 3411 FABRICATED METAL PRODUCTS--     | 1,924        | 85        | 63        | -----      | -----      | 1,500      | 276        |
| 3511 MACHINERY, EXCEPT ELECTRICAL--  | 2,635        | 84        | 587       | -----      | -----      | 500        | 1,466      |
| 3911 MISC MANUFACTURED PRODUCTS--    | 29           | 2         | 27        | -----      | -----      | -----      | -----      |
| 4011 IRON AND STEEL SCRAP--          | 98,832       | -----     | -----     | -----      | -----      | 13,357     | 85,475     |
| 4029 WASTE AND SCRAP, NEC--          | 26,020       | -----     | -----     | -----      | -----      | -----      | 26,020     |
| 4111 WATER--                         | 227          | 2         | 225       | -----      | -----      | -----      | -----      |
| 4112 COMMODITIES, NEC--              | 943          | 410       | 553       | -----      | -----      | -----      | -----      |
| 4118 WATERWAY IMPROVEMENT MAT--      | 2,936,584    | 171,890   | 1,250     | -----      | -----      | -----      | 2,763,444  |
| TOTAL TON-MILES:                     | 884,462,240. |           |           |            |            |            |            |

## GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE

SECTION INCLUDED: 64.1 MILES; MORGAN CITY, LA., TO PORT ALLEN, LA., VIA THE EAST ATCHAFALAYA BASIN PROTECTION LEVEE BORROW PIT, BAYOU SORREL LOCK, LOWER GRAND RIVER AND BAYOU PLAQUEMINES TO INDIAN VILLAGE, THENCE VIA BAYOU GRUSSE TETE AND LAND CUT TO THE MISSISSIPPI RIVER THROUGH LUCK IN LEVEE AT PORT ALLEN OPPOSITE BATON ROUGE, LA. CONTROLLING DEPTH (MEAN LOW WATER): 11 FEET. PROJECT DEPTH: 12 FEET.

## CUMPARATIVE STATEMENT OF TRAFFIC

| YEAR   | TONS       | YEAR   | TONS       |
|--------|------------|--------|------------|
| 1978-- | 18,066,503 | 1983-- | 19,253,000 |
| 1979-- | 20,254,735 | 1984-- | 21,326,570 |
| 1980-- | 19,066,970 | 1985-- | 23,150,132 |
| 1981-- | 16,083,913 | 1986-- | 25,160,797 |
| 1982-- | 17,833,864 | 1987-- | 19,662,861 |

NOTE: ABOVE COMMERCE, UNLESS IT ALSO TRANSITED THE GULF INTRACOASTAL WATERWAY EAST OR WEST OF MORGAN CITY, LA., IS NOT INCLUDED IN THE CONSOLIDATED REPORT FOR THE GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER.

## GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE--CONTINUED

FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL      | INTERNAL |           |            |            |            | THROUGH    |  |
|---|------------|----------|-----------|------------|------------|------------|------------|--|
|   |            | INBOUND  | OUTBOUND  | NORTHBOUND | SOUTHBOUND | NORTHBOUND | SOUTHBOUND |  |
| TOTAL-----                              | 19,682,661 | 876,851  | 1,184,474 | 38,252     | 5,306      | 11,124,332 | 6,456,666  |  |
| 0103 CORN-----                          | 40,008     | -----    | -----     | -----      | -----      | 1,570      | 38,430     |  |
| 0104 OATS-----                          | 50,217     | -----    | -----     | -----      | -----      | -----      | 50,217     |  |
| 0105 RICE-----                          | 94,506     | -----    | -----     | -----      | -----      | 1,500      | 93,006     |  |
| 0106 SORGHUM GRAINS-----                | 6,047      | -----    | -----     | -----      | -----      | 1,650      | 4,397      |  |
| 0107 WHEAT-----                         | 31,070     | 3,000    | -----     | -----      | -----      | 12,792     | 16,086     |  |
| 0111 SOYBEANS-----                      | 10,860     | -----    | -----     | 118        | -----      | 7,859      | 3,001      |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 146        | -----    | -----     | -----      | -----      | 28         | -----      |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 4,008      | -----    | -----     | 3,970      | -----      | 38         | -----      |  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 365,500    | 338,500  | -----     | -----      | -----      | 27,000     | -----      |  |
| 1011 IRON ORE AND CONCENTRATES-----     | 15,200     | -----    | -----     | -----      | -----      | 15,200     | -----      |  |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 1,293      | -----    | -----     | -----      | -----      | -----      | 1,293      |  |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 29,077     | -----    | -----     | -----      | -----      | 5,072      | 24,405     |  |
| 1091 NONFERROUS ORES, CONCENT, NEC----- | 4,439      | -----    | -----     | -----      | -----      | 1,590      | 2,849      |  |
| 1121 COAL AND LIGNITE-----              | 87,910     | 59,686   | -----     | -----      | -----      | -----      | 28,220     |  |
| 1511 CRUDE PETROLEUM-----               | 1,730,280  | 131,138  | 771,087   | 38,162     | 3,306      | 334,115    | 456,472    |  |
| 1411 LIMESTONE-----                     | 109,559    | 18,156   | -----     | -----      | -----      | -----      | 91,403     |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 588,807    | 99,400   | 17,506    | -----      | -----      | -----      | 471,901    |  |
| 1451 CLAY-----                          | 5,922      | -----    | -----     | -----      | -----      | 2,300      | 1,622      |  |
| 1493 SULPHUR, LIQUID-----               | 36,088     | -----    | -----     | -----      | -----      | 36,088     | -----      |  |
| 1499 NONMETALLIC MINERALS, NEC-----     | 1,943,529  | -----    | 12,073    | -----      | -----      | 1,926,770  | 4,686      |  |
| 2019 TALLOW, ANIMAL FATS AND OILS-----  | 2,904      | -----    | -----     | -----      | -----      | -----      | 2,904      |  |
| 2042 ANIMAL FEEDS-----                  | 54,320     | -----    | -----     | -----      | -----      | 46,955     | 7,365      |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 5,194      | -----    | -----     | -----      | -----      | 2,693      | 2,501      |  |
| 2061 SUGAR-----                         | 6,240      | -----    | -----     | -----      | -----      | 5,707      | 2,533      |  |
| 2062 MULASSES-----                      | 32,086     | -----    | -----     | -----      | -----      | 12,848     | 19,238     |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 8,484      | -----    | -----     | -----      | -----      | 1,251      | 7,233      |  |
| 2092 ANIMAL OILS AND FATS, NEC-----     | 2,703      | -----    | -----     | -----      | -----      | 2,703      | -----      |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 15,625     | -----    | -----     | -----      | -----      | -----      | 15,625     |  |
| 2411 LOGS-----                          | 1,068      | -----    | -----     | -----      | -----      | -----      | 1,068      |  |
| 2431 VENEER, FLYING, WORKED WOOD-----   | 3,518      | -----    | -----     | -----      | -----      | 3,518      | -----      |  |
| 2611 PULP-----                          | 1,180      | -----    | 1,184     | -----      | -----      | -----      | -----      |  |
| 2621 STANDARD NEWSPRINT PAPER-----      | 12,051     | -----    | -----     | -----      | -----      | -----      | 12,051     |  |
| 2631 PAPER AND PAPERBOARD-----          | 33,284     | -----    | -----     | -----      | -----      | 33,284     | -----      |  |
| 2810 SODIUM HYDROXIDE-----              | 483,083    | -----    | -----     | -----      | -----      | 320,709    | 162,374    |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 244,796    | -----    | -----     | -----      | -----      | 65,448     | 179,350    |  |
| 2813 ALCOHOLS-----                      | 547,419    | -----    | -----     | -----      | -----      | 347,759    | 199,660    |  |
| 2818 RADIOACTIVE MATERIALS, WASTES----- | 1,344      | -----    | -----     | -----      | -----      | 1,344      | -----      |  |
| 2817 BENZENE AND TOLUENE-----           | 1,105,842  | -----    | -----     | -----      | -----      | 582,290    | 523,552    |  |
| 2818 SULPHURIC ACID-----                | 159,070    | -----    | -----     | -----      | -----      | 87,418     | 71,652     |  |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 4,065,653  | -----    | 121,530   | -----      | -----      | 3,301,401  | 642,722    |  |
| 2841 SOAP-----                          | 2,815      | -----    | -----     | -----      | -----      | -----      | 2,815      |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 285,758    | -----    | -----     | -----      | -----      | 28,246     | 257,512    |  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 111,426    | 1,396    | -----     | -----      | -----      | 101,934    | 8,096      |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 51,596     | 4,736    | -----     | -----      | -----      | 1,401      | 45,457     |  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 39,227     | 1,374    | -----     | -----      | -----      | 21,903     | 15,950     |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 97,817     | -----    | -----     | -----      | -----      | 58,362     | 43,455     |  |
| 2911 GASOLINE-----                      | 1,213,226  | -----    | 117,185   | -----      | -----      | 843,547    | 252,494    |  |
| 2912 JET FUEL-----                      | 106,979    | -----    | -----     | -----      | -----      | 60,077     | 46,902     |  |
| 2913 KEROSENE-----                      | 21,453     | -----    | -----     | -----      | -----      | 12,453     | 9,000      |  |
| 2914 DISTILLATE FUEL OIL-----           | 1,051,664  | 154      | 1,520     | -----      | -----      | 723,774    | 326,216    |  |
| 2915 RESIDUAL FUEL OIL-----             | 977,732    | -----    | -----     | -----      | -----      | 406,871    | 570,861    |  |
| 2916 LUBRICATING OILS AND GREASES-----  | 807,391    | 74,462   | -----     | -----      | -----      | 633,296    | 99,633     |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 892,414    | 28,100   | 5,590     | -----      | -----      | 392,426    | 466,298    |  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 171,411    | -----    | -----     | -----      | -----      | 140,069    | 31,342     |  |
| 2920 COKE, PETROLEUM COKE-----          | 354,642    | -----    | -----     | -----      | -----      | 165,955    | 188,687    |  |
| 2921 LIQUEFIED GASES-----               | 79,321     | -----    | 29,012    | -----      | -----      | 39,109     | 11,200     |  |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 26,400     | -----    | -----     | -----      | -----      | 11,395     | 15,005     |  |
| 3241 BUILDING CEMENT-----               | 36,700     | 611      | -----     | -----      | -----      | 9,449      | 26,640     |  |
| 3271 LIME-----                          | 94,066     | 71,350   | -----     | -----      | -----      | -----      | 22,716     |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 1,525      | -----    | -----     | -----      | 1,525      | -----      | -----      |  |
| 3311 PIG IRON-----                      | 11,832     | -----    | -----     | -----      | -----      | -----      | 11,032     |  |
| 3312 SLAG-----                          | 15,061     | 1,000    | -----     | -----      | -----      | -----      | 14,061     |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 60,659     | -----    | -----     | -----      | -----      | 12,093     | 48,566     |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 250,328    | -----    | -----     | -----      | -----      | 142,841    | 107,487    |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 120,134    | -----    | 1,450     | -----      | -----      | 5,807      | 112,877    |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 111,442    | 19,036   | 18,998    | -----      | -----      | 11,036     | 62,372     |  |
| 3318 FERROALLOYS-----                   | 827        | -----    | 827       | -----      | -----      | -----      | -----      |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 32,812     | -----    | -----     | -----      | -----      | 7,645      | 25,167     |  |
| 3321 NONFERROUS METALS, NEC-----        | 2,765      | -----    | -----     | -----      | -----      | 1,552      | 1,213      |  |
| 3322 COPPER ALLOYS, UNWORKED-----       | 1,615      | -----    | -----     | -----      | -----      | -----      | 1,615      |  |
| 3323 LEAD AND ZINC, UNWORKED-----       | 1,407      | -----    | -----     | -----      | -----      | -----      | 1,407      |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 13,591     | -----    | -----     | -----      | -----      | -----      | 13,591     |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 11,350     | -----    | -----     | 2          | -----      | 9,739      | 1,609      |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 2,380      | 1,250    | -----     | -----      | -----      | 680        | 450        |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 667        | -----    | -----     | -----      | -----      | -----      | 667        |  |
| 4011 IRON AND STEEL SCRAP-----          | 504,639    | 6,338    | 86,512    | -----      | -----      | 91,829     | 319,960    |  |
| 4029 WASTE AND SCRAP, NEC-----          | 84,933     | 12,312   | -----     | -----      | -----      | 6,410      | 69,203     |  |
| 4110 WATERWAY IMPROVEMENT MAT-----      | 91,108     | 9,850    | -----     | -----      | -----      | -----      | 86,258     |  |

TOTAL TON-MILES, 1,179,912,397.

## Waterborne Commerce of the United States, 1987

## PETIT ANSE, TIGRE AND CARLIN BAYOUS, LA.

SECTION INCLUDED: BAYOU PETIT ANSE FROM GULF INTRACOASTAL WATERWAY TO HEAD OF AVERY ISLAND, 6.1 MILES; BAYOU CARLIN FROM MOUTH TO LAKE PEIGNEUR, 7.6 MILES; AVERY (MCILHENNY) CANAL FROM GULF INTRACOASTAL WATERWAY TO VERNILLION BAY, 2.7 MILES. CONTROLLING DEPTH (MEAN LOW GULF): BAYOU PETIT ANSE, 8 FEET; BAYOU CARLIN, 11 FEET; AVERY CANAL, BAR CHANNEL, 7 FEET; TO GULF INTRACOASTAL WATERWAY, 10 FEET. PROJECT DEPTH: BAYOU PETIT ANSE, 9 FEET; BAYOU CARLIN, 9 FEET; AVERY (MCILHENNY) CANAL, 7 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 2,027,453 | 1983----- | 853,881   |
| 1979----- | 2,087,468 | 1984----- | 1,404,459 |
| 1980----- | 1,730,794 | 1985----- | 1,943,745 |
| 1981----- | 1,018,108 | 1986----- | 2,044,857 |
| 1982----- | 1,199,461 | 1987----- | 1,574,000 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL     | INTERNAL |           |            |                       |
|--|-----------|----------|-----------|------------|-----------------------|
|  |           | INBOUND  | OUTBOUND  | NORTHBOUND | THROUGH<br>SOUTHBOUND |
| TOTAL-----                               | 1,574,999 | 16,487   | 1,550,457 | 8,053      | 2                     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 46        | 46       | -----     | -----      | -----                 |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 9,777     | 9,777    | -----     | -----      | -----                 |
| 1311 CRUDE PETROLEUM-----                | 83,039    | 5,749    | 69,237    | 8,053      | -----                 |
| 1499 NONMETALLIC MINERALS, NEC-----      | 1,440,470 | -----    | 1,440,470 | -----      | -----                 |
| 2094 GROCERIES-----                      | 1         | -----    | -----     | -----      | 1                     |
| 2819 BASIC CHEMICALS AND PROD., VLC----- | 1         | -----    | -----     | -----      | 1                     |
| 2911 GASOLINE-----                       | 40,750    | -----    | 40,750    | -----      | -----                 |
| 2914 DISTILLATE FUEL OIL-----            | 655       | 655      | -----     | -----      | -----                 |
| 5241 BUILDING CEMENT-----                | 260       | 260      | -----     | -----      | -----                 |
| TOTAL TON-MILES, 6,804,684.              |           |          |           |            |                       |

## LAKE CHARLES DEEP WATER CHANNEL, LA.

SECTION INCLUDED: CALCASIEU RIVER TO SABINE RIVER, FOLLOWING THE CALCASIEU-SABINE SECTION OF THE GULF INTRACOASTAL WATERWAY, 24.9 MILES. CONTROLLING DEPTH (MEAN LOW GULF): 12 FEET. PROJECT DEPTH: 30 FEET (MAINTAINED TO GULF INTRACOASTAL WATERWAY DEPTH OF 12 FEET)

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 38,138,177 | 1983----- | 33,562,698 |
| 1979----- | 35,951,037 | 1984----- | 36,074,480 |
| 1980----- | 34,849,807 | 1985----- | 35,358,638 |
| 1981----- | 34,892,738 | 1986----- | 39,813,072 |
| 1982----- | 32,248,895 | 1987----- | 38,044,467 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL      | COASTWISE            |         | INTERNAL |                      |            |
|---|------------|----------------------|---------|----------|----------------------|------------|
|   |            | THROUGH<br>EASTBOUND | INBOUND | OUTBOUND | THROUGH<br>EASTBOUND | WESTBOUND  |
| TOTAL-----                              | 38,844,467 | 30,859               | 52,700  | 7,200    | 19,287,118           | 19,466,590 |
| 0101 COTTON, RAW-----                   | 4,510      | -----                | -----   | -----    | 4,510                | -----      |
| 0103 CORN-----                          | 7,088      | -----                | -----   | -----    | -----                | 7,088      |
| 0104 OATS-----                          | 68,344     | -----                | -----   | -----    | -----                | 68,344     |
| 0105 RICE-----                          | 237,908    | -----                | -----   | -----    | 1,910                | 235,998    |
| 0106 SORGHUM GRAINS-----                | 10,615     | -----                | -----   | -----    | 10,615               | -----      |
| 0107 WHEAT-----                         | 62,287     | -----                | -----   | -----    | 30,773               | 31,514     |
| 0111 SOYBEANS-----                      | 8,841      | -----                | -----   | -----    | 7,415                | 1,426      |
| 0931 MARINE SMELLS, UNMANUFACTURED----- | 300,894    | -----                | 16,200  | -----    | -----                | 284,694    |
| 1011 IRON ORE AND CONCENTRATES-----     | 0,191      | -----                | -----   | -----    | 1,315                | 2,876      |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 7,819      | -----                | -----   | -----    | -----                | 7,819      |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 41,673     | -----                | -----   | -----    | 5,072                | 36,601     |
| 1091 NUNFERROUS ORES, CONCENTRATES----- | 6,562      | -----                | -----   | -----    | 1,590                | 4,972      |
| 1121 COAL AND LIGNITE-----              | 34,023     | -----                | -----   | -----    | 2,720                | 31,303     |
| 1311 CRUDE PETROLEUM-----               | 6,629,179  | -----                | 7,200   | 722,819  | -----                | 5,899,160  |
| 1411 LIMESTONE-----                     | 38,615     | -----                | -----   | -----    | -----                | 38,615     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 456,393    | -----                | -----   | -----    | 1,618                | 454,775    |
| 1451 CLAY-----                          | 30,995     | -----                | -----   | -----    | 14,820               | 16,175     |
| 1493 SULPHUR, LIQUID-----               | 201,552    | -----                | -----   | -----    | 196,994              | 4,558      |
| 1494 GYPSUM, CRUDE AND PLASTERS-----    | 2,838      | -----                | -----   | -----    | 2,838                | -----      |
| 1499 NONMETALLIC MINERALS, NEC-----     | 36,567     | -----                | -----   | -----    | 10,972               | 25,595     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 2,904      | -----                | -----   | -----    | -----                | 2,904      |
| 2042 ANIMAL FEEDS-----                  | 45,635     | -----                | -----   | -----    | 20,460               | 25,175     |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 16,573     | -----                | -----   | -----    | 16,573               | -----      |
| 2061 SUGAR-----                         | 89,817     | -----                | -----   | -----    | 69,617               | -----      |
| 2062 MOLASSES-----                      | 61,508     | -----                | -----   | -----    | 1,364                | 60,144     |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 2,911      | -----                | -----   | -----    | 1,251                | 1,660      |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 14,878     | -----                | -----   | -----    | 8,922                | 5,956      |
| 2212 TEXTILE FIBERS, NEC-----           | 6,684      | -----                | -----   | -----    | 150                  | 6,538      |
| 2411 LOGS-----                          | 1,273      | -----                | -----   | -----    | -----                | 1,273      |

## NEW ORLEANS, LA, DISTRICT

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LAKE CHARLES DEEP WATER CHANNEL, LA.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

DOMESTIC--CONTINUED

(SHORI TONS)

| COMMODITY                                   | TOTAL     | COASTWISE            |         | INTERNAL  |                      |
|---|-----------|----------------------|---------|-----------|----------------------|
|   |           | THROUGH<br>EASTBOUND | INBOUND | OUTBOUND  | THROUGH<br>EASTBOUND |
| 2031 VENEER, PLYWOOD, WORKED WOOD-----      | 5,167     | -----                | -----   | -----     | 5,167 -----          |
| 2021 STANDARD NEWSPRINT PAPER-----          | 18,170    | -----                | -----   | -----     | 18,170 -----         |
| 2031 PAPER AND PAPERBOARD-----              | 46,846    | -----                | -----   | 45,618    | 1,228                |
| 2010 SODIUM HYDROXIDE-----                  | 638,034   | 1,249                | -----   | 161,705   | 475,080              |
| 2011 CHLORINE TETRA, JEL, GAS PRODUCTS----- | 424,406   | -----                | -----   | 111,466   | 312,942              |
| 2013 ALCOHOLS----- MATERIALS, WASTES-----   | 986,648   | -----                | -----   | 639,851   | 346,797              |
| 2016 RADIOACTIVE MATERIALS, WASTES-----     | 1,344     | -----                | -----   | 1,344     | -----                |
| 2017 BENZENE AND TOLUENE-----               | 2,038,148 | -----                | -----   | 877,063   | 1,161,085            |
| 2018 SULPHURIC ACID-----                    | 265,560   | -----                | -----   | 164,958   | 100,602              |
| 2019 BASIC CHEMICALS AND PROD, NEC-----     | 6,967,667 | -----                | -----   | 5,188,463 | 1,779,224            |
| 2022 SYNTHETIC RUBBER-----                  | 3,596     | -----                | -----   | 3,596     | -----                |
| 2041 SOAP-----                              | 2,815     | -----                | -----   | -----     | 2,815                |
| 2071 NITROGENOUS CHEM FERTILIZERS-----      | 413,908   | -----                | -----   | 8,898     | 405,010              |
| 2072 POTASSIC CHEM FERTILIZERS-----         | 141,221   | -----                | -----   | 141,221   | -----                |
| 2073 PHOSPHATIC CHEM FERTILIZERS-----       | 72,483    | -----                | -----   | 1,401     | 71,082               |
| 2079 FERTILIZER AND MATERIALS, NEC-----     | 94,863    | -----                | -----   | 30,588    | 64,275               |
| 2091 MISCELLANEOUS CHEMICAL PROD-----       | 89,641    | -----                | -----   | 15,476    | 74,165               |
| 2091 GASOLINE-----                          | 3,348,176 | -----                | -----   | 2,131,617 | 1,216,559            |
| 2092 JET FUEL-----                          | 398,678   | -----                | -----   | 269,660   | 129,018              |
| 2093 KEROSENE-----                          | 326,534   | -----                | -----   | 302,931   | 25,603               |
| 2094 DISTILLATE FUEL OIL-----               | 2,310,778 | 3,814                | -----   | 1,260,058 | 1,044,906            |
| 2095 RESIDUAL FUEL OIL-----                 | 4,730,801 | 7,274                | -----   | 2,776,866 | 1,948,961            |
| 2096 LUBRICATING OILS AND GREASES-----      | 1,228,091 | -----                | -----   | 1,035,215 | 192,876              |
| 2097 NAPHTHA, PETROLEUM SOLVENTS-----       | 1,863,914 | -----                | -----   | 940,509   | 923,405              |
| 2098 ASPHALT, TAR, AND PITCHES-----         | 373,687   | -----                | -----   | 277,978   | 95,709               |
| 2099 COKE, PETROLEUM COKE-----              | 393,636   | -----                | -----   | 339,874   | 53,762               |
| 2091 LIQUEFIED GASES-----                   | 490,364   | -----                | -----   | 463,581   | 26,783               |
| 2091 PETROLEUM AND COAL PROD, NEC-----      | 522,383   | -----                | -----   | 410,886   | 111,497              |
| 3201 BUILDING CEMENT-----                   | 169,452   | -----                | -----   | 9,113     | 160,319              |
| 3201 MISC NONMETALLIC MINERAL PROD-----     | 12,544    | -----                | -----   | 12,544    | -----                |
| 3311 PIG IRON-----                          | 27,648    | -----                | -----   | -----     | 27,648               |
| 3312 SLAG-----                              | 32,349    | -----                | -----   | -----     | 32,349               |
| 3314 IRON AND STEEL PRIMARY FORMS-----      | 175,985   | -----                | -----   | 20,391    | 151,594              |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----     | 346,476   | -----                | -----   | 186,248   | 162,228              |
| 3316 IRON AND STEEL PLATES, SHEETS-----     | 130,138   | -----                | -----   | 8,190     | 121,908              |
| 3317 IRON AND STEEL PIPE AND TUBE-----      | 197,405   | -----                | -----   | 13,984    | 183,421              |
| 3318 FERROALLOYS-----                       | 22,779    | -----                | -----   | -----     | 22,779               |
| 3319 IRON AND STEEL PRODUCTS, NEC-----      | 46,980    | -----                | -----   | 10,348    | 36,632               |
| 3321 NONFERROUS METALS, NEC-----            | 3,985     | -----                | -----   | 1,552     | 2,413                |
| 3322 COPPER ALLOYS, UNWORKED-----           | 1,615     | -----                | -----   | -----     | 1,615                |
| 3323 LEAD AND ZINC, UNWORKED-----           | 2,816     | -----                | -----   | -----     | 2,816                |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----     | 1,805     | -----                | -----   | 1,362     | 443                  |
| 3411 FABRICATED METAL PRODUCTS-----         | 20,205    | -----                | -----   | 11,239    | 8,966                |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----      | 6,988     | -----                | -----   | 3,650     | 3,338                |
| 3611 ELECTRICAL MACH AND EQUIP-----         | 310       | -----                | -----   | -----     | 310                  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----      | 867       | -----                | -----   | -----     | 867                  |
| 4011 IRON AND STEEL SCRAP-----              | 686,895   | -----                | -----   | 172,977   | 513,918              |
| 4012 NONFERROUS METAL SCRAP-----            | 302       | -----                | -----   | 302       | -----                |
| 4029 WASTE AND SCRAP, NEC-----              | 191,717   | 18,522               | -----   | 16,277    | 156,918              |
| 4112 COMMODITIES, NEC-----                  | 71,056    | -----                | -----   | 55,661    | 15,705               |
| 4113 MATERIAUX IMP.-----                    | 59,552    | -----                | 36,500  | -----     | 23,058               |
| 4119 EMPTY CONTAINERS-----                  | 1,572     | -----                | -----   | 772       | 800                  |

BAYOU TECHIE, LA.

SECTION INCLUDED: MOUTH TO ARNAUDVILLE, LA., 106.5 MILES. CONTROLLING DEPTH (MEAN LOW GULF): TO MILE 4.5, 3 FEET; TO NEW IBERIA, LA., 2 FEET; TO KEYSTONE LUCK, 4 FEET; TO BREAUX BRIDGE, LA., 8 FEET (MEAN LOW WATER). PROJECT DEPTH: 8 FEET TO NEW IBERIA, LA., 34.5 MILES; 6 FEET TO ARNAUDVILLE, LA., 52 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS    | YEAR      | TONS      |
|-----------|---------|-----------|-----------|
| 1978----- | 631,770 | 1983----- | 661,349   |
| 1979----- | 371,737 | 1984----- | 573,090   |
| 1980----- | 425,491 | 1985----- | 854,052   |
| 1981----- | 457,211 | 1986----- | 1,006,243 |
| 1982----- | 724,587 | 1987----- | 1,050,445 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL |          |
|---|-----------|----------|----------|
|   |           | INBOUND  | OUTBOUND |
| TOTAL-----                              | 1,050,445 | 370,790  | 679,655  |
| 0103 CORN-----                          | 6,132     | -----    | 6,132    |
| 0107 WHEAT-----                         | 1,560     | -----    | 1,560    |
| 0111 SOYBEANS-----                      | 12,113    | -----    | 12,113   |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 56,407    | 56,407   | -----    |
| 1051 ALUMINUM JNS, CONCENTRATES-----    | 5,600     | 5,600    | -----    |
| 1311 CHLORINE PETROLEUM-----            | 553,261   | 196,059  | 357,162  |
| 1411 LIMESTONE-----                     | 3,230     | 3,230    | -----    |

## Waterborne Commerce of the United States, 1987

BAYOU TECHE, LA.--CONTINUED  
 FREIGHT TRAFFIC, 1987--CONTINUED  
 DOMESTIC--CONTINUED  
 (SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |
|---|---------|----------|----------|
|   |         | INBOUND  | OUTBOUND |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 64,973  | 64,973   | -----    |
| 1499 NUNMETALLIC MINERALS, NEC-----     | 15,418  | 15,418   | -----    |
| 2061 SUGAR-----                         | 234,554 | -----    | 234,554  |
| 2062 MOLASSES-----                      | 39,500  | 1,632    | 38,868   |
| 2094 GROCERIES-----                     | 40      | 2        | 46       |
| 2491 WOOD MANUFACTURES, NEC-----        | 1       | -----    | 1        |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 4       | 2        | 2        |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 1       | -----    | 1        |
| 2911 GASOLINE-----                      | 29,945  | -----    | 29,945   |
| 2914 DISTILLATE FUEL OIL-----           | 388     | 388      | -----    |
| 2915 RESIDUAL FUEL OIL-----             | 9,850   | 9,850    | -----    |
| 2920 COKE, PETROLEUM COKE-----          | 1,489   | 1,489    | -----    |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 15,784  | 15,783   | 1        |
| 3411 FABRICATED METAL PRODUCTS-----     | 40      | 12       | 28       |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 96      | 86       | 10       |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 1       | -----    | 1        |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 19      | 3        | 16       |
| 4111 WATER-----                         | 27      | 13       | 14       |
| 4112 COMMODITIES, NEC-----              | 1       | -----    | 1        |
| 4119 EMPTY CONTAINERS-----              | 7       | 7        | -----    |
| TOTAL TON-MILES, 40,716,669.            |         |          |          |

## MERMENTAU RIVER, LA.

SECTION INCLUDED: LOWER MERMENTAU RIVER FROM GULF INTRACOASTAL WATERWAY TO GULF OF MEXICO; INLAND WATERWAY FROM VERMILLION BAY TO THE MERMENTAU RIVER; AND WATERWAY FROM WHITE LAKE TO PECAN ISLAND. CONTROLLING DEPTH (MEAN LOW GULF): LOWER MERMENTAU RIVER, THROUGH GRAND LAKE, 5 FEET; TO CATFISH POINT CONTROL STRUCTURE, 7 FEET; TO GRAND CHENIERE HIGHWAY BRIDGE, 10 FEET; THROUGH NEW CHANNEL TO JETTIES, 14 FEET; BAR CHANNEL, 12 FEET; INLAND WATERWAY, THROUGH SCHOONER BAYOU CUT-OFF CANAL TO CONTROL STRUCTURE, 9.0 FEET; TO WHITE LAKE, 11 FEET; THROUGH WHITE LAKE, 7 FEET; THROUGH TURTLE LAKE, 9 FEET; THROUGH CULLICON LAKE, 7 FEET; THROUGH GRAND LAKE, 5 FEET; NORTH PRONG OF SCHOONER BAYOU, 4 FEET. PROJECT DEPTHS: NORTH PRONG OF SCHOONER BAYOU AND SCHOONER BAYOU CUT-OFF 6 FEET; WHITE LAKE TO PECAN ISLAND, 5 FEET; OTHERWISE 3,000 SQ. FT. BELOW MLG CROSS-SECTIONAL AREA.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 983,409   | 1983----- | 1,065,503 |
| 1979----- | 781,517   | 1984----- | 1,278,557 |
| 1980----- | 670,927   | 1985----- | 1,469,028 |
| 1981----- | 857,292   | 1986----- | 1,424,077 |
| 1982----- | 1,095,382 | 1987----- | 1,398,752 |

## FREIGHT TRAFFIC, 1987

DOMESTIC  
 (SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL |           |           |           |                   |
|---|-----------|----------|-----------|-----------|-----------|-------------------|
|   |           | INBOUND  | OUTBOUND  | EASTBOUND | WESTBOUND | THROUGH EASTBOUND |
| TOTAL-----                              | 1,398,752 | 53,407   | 1,321,318 | 9,864     | 1         | 38,162            |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 16        | -----    | 16        | -----     | -----     | -----             |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 173       | -----    | 173       | -----     | -----     | -----             |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 5,386     | 5,386    | -----     | -----     | -----     | -----             |
| 1311 CRUDE PETROLEUM-----               | 1,326,598 | 1,102    | 1,281,476 | 9,858     | -----     | 34,162            |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 8,910     | 8,910    | -----     | -----     | -----     | -----             |
| 1451 CLAY-----                          | 3,925     | 3,090    | 835       | -----     | -----     | -----             |
| 2094 GROCERIES-----                     | 167       | 6        | 160       | 1         | -----     | -----             |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 28        | 24       | -----     | -----     | -----     | -----             |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 201       | 1        | 200       | -----     | -----     | -----             |
| 2914 DISTILLATE FUEL OIL-----           | 6,604     | 6,463    | 141       | -----     | -----     | -----             |
| 2915 RESIDUAL FUEL OIL-----             | 23,595    | -----    | 23,595    | -----     | -----     | -----             |
| 2916 LUBRICATING OILS AND GREASES-----  | 2         | -----    | 2         | -----     | -----     | -----             |
| 2920 COKE, PETROLEUM COKE-----          | 1,396     | 1,396    | -----     | -----     | -----     | -----             |
| 3241 BUILDING CEMENT-----               | 1,391     | 1,391    | -----     | -----     | -----     | -----             |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 201       | 200      | 1         | -----     | -----     | -----             |
| 3411 FABRICATED METAL PRODUCTS-----     | 105       | 99       | 1         | 6         | 1         | -----             |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 1,119     | 444      | 669       | 1         | -----     | -----             |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 17,629    | 1,735    | 12,894    | -----     | -----     | -----             |
| 4029 WASTE AND SCRAP, NEC-----          | 18        | 18       | -----     | -----     | -----     | -----             |
| 4111 WATER-----                         | 1,137     | -----    | 1,137     | -----     | -----     | -----             |
| 4112 COMMODITIES, NEC-----              | 36        | 36       | -----     | -----     | -----     | -----             |
| 4119 EMPTY CONTAINERS-----              | 117       | 99       | 18        | -----     | -----     | -----             |
| TOTAL TON-MILES, 35,061,135.            |           |          |           |           |           |                   |

**NEW ORLEANS, LA, DISTRICT**

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RAYOU TECHE AND VERMILION RIVER, LA.

SECTION INCLUDED: 5 MILES FROM VERMILION BAY TO GENERAL MOUTON AVENUE BRIDGE AT LAFAYETTE, LA., CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 9 FEET; TO GULF INTRACOASTAL WATERWAY, 10 FEET; TO ABBEVILLE, LA., 10 FEET; TO MILE 40, 10 FEET; TO PINHOOK BRIDGE, 7 FEET. PROJECT DEPTH: 8 FEET; VERMILION BAY TO GULF INTRACOASTAL WATERWAY AND 9 FEET TO LAFAYETTE, LA.

**COMPARATIVE STATEMENT OF TRAFFIC**

| YEAR      | TONS      | YEAR      | TONS |
|-----------|-----------|-----------|------|
| 1978----- | 1,174,485 | 1983----- |      |
| 1979----- | 1,033,264 | 1984----- |      |
| 1980----- | 959,418   | 1985----- |      |
| 1981----- | 953,754   | 1986----- |      |
| 1982----- | 816,774   | 1987----- |      |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |         |         |           |
|---|---------|----------|----------|---------|---------|-----------|
|   |         | INBOUND  | OUTBOUND | JIBOUND | UPBOUND | DOWNBOUND |
| TOTAL-----                              | 857,284 | 182,677  | 426,298  | 3       | 167,180 | 141,126   |
| 0105 RICE-----                          | 1,541   | 1,541    | -----    | -----   | -----   | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 103,105 | 103,105  | -----    | -----   | -----   | -----     |
| 1311 CHUDE PETROLEUM-----               | 421,480 | -----    | 398,530  | 22,950  | -----   | -----     |
| 1411 LIMESTONE-----                     | 21,206  | 21,206   | -----    | -----   | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 16,529  | 16,334   | 125      | -----   | -----   | 70        |
| 1451 CLAY-----                          | 16,280  | 5,763    | 927      | -----   | 1,929   | 7,661     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 11,129  | 9,212    | -----    | -----   | 307     | 1,610     |
| 2042 ANIMAL FEEDS-----                  | 1,400   | -----    | 1,400    | -----   | -----   | -----     |
| 2099 GROCERIES-----                     | 191     | 3        | 96       | -----   | -----   | 92        |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 9       | 4        | 4        | -----   | -----   | 1         |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 2,335   | -----    | -----    | -----   | 439     | 1,896     |
| 2912 JET FUEL-----                      | 705     | -----    | -----    | -----   | -----   | 705       |
| 2914 DISTILLATE FUEL OIL-----           | 56,796  | 23,289   | 653      | -----   | 15,510  | 19,346    |
| 2915 RESIDUAL FUEL OIL-----             | 211     | -----    | -----    | -----   | -----   | 211       |
| 3241 BUILDING CEMENT-----               | 2,753   | -----    | 190      | -----   | 256     | 2,307     |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 11,736  | 20       | 828      | -----   | 3,877   | 7,011     |
| 3411 FABRICATED METAL PRODUCTS-----     | 217     | 12       | 181      | 2       | 2       | 20        |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 42,950  | 1,365    | 20,784   | 1       | 9,923   | 10,877    |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 27,600  | 698      | 731      | -----   | 10,816  | 15,355    |
| 4011 IRON AND STEEL SCRAP-----          | 1,530   | -----    | 1,500    | -----   | 30      | -----     |
| 4029 WASTE AND SCRAP, NEC-----          | 147     | -----    | -----    | -----   | 146     | 1         |
| 4111 WATER-----                         | 116,083 | 78       | 335      | -----   | 42,499  | 73,171    |
| 4112 COMMODITIES, NEC-----              | 1,322   | 18       | 14       | -----   | 496     | 794       |
| 4119 EMPTY CONTAINERS-----              | 29      | 29       | -----    | -----   | -----   | -----     |
| TOTAL TON-MILES, 13,236,493.            |         |          |          |         |         |           |

VERMONTAIS RIVER, BAYOUS NEZPIQUE AND DES CANNES, LA.

SECTION INCLUDED: VERMONTAIS RIVER FROM GULF INTRACOASTAL WATERWAY TO MILE 71.5; BAYOU NEZPIQUE FROM MOUTH TO MILE 25; BAYOU DES CANNES FROM MOUTH TO MILE 8.5, CONTROLLING DEPTH (MEAN LOW GULF): VERMONTAIS RIVER FROM GULF INTRACOASTAL WATERWAY TO MILE 71.5, 9.0 FEET; BAYOU NEZPIQUE TO I-10 BRIDGE, 17 FEET; BAYOU DES CANNES TO I-10 BRIDGE, 12 FEET. PROJECT DEPTH: 12 FEET FROM GULF INTRACOASTAL WATERWAY THROUGH BAYOUS DES CANNES AND NEZPIQUE TO INTERSTATE HIGHWAY 10.

**COMPARATIVE STATEMENT OF TRAFFIC**

| YEAR      | TONS      | YEAR      | TONS |
|-----------|-----------|-----------|------|
| 1978----- | 1,616,918 | 1983----- |      |
| 1979----- | 1,786,943 | 1984----- |      |
| 1980----- | 1,841,696 | 1985----- |      |
| 1981----- | 1,406,535 | 1986----- |      |
| 1982----- | 1,197,473 | 1987----- |      |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL |           |            |         |
|---|-----------|----------|-----------|------------|---------|
|   |           | INBOUND  | OUTBOUND  | SOUTHBOUND | THROUGH |
| TOTAL-----                              | 1,360,837 | 220,518  | 1,121,538 | 13,957     | 4,828   |
| 0103 CORN-----                          | 51,776    | 40,708   | 11,068    | -----      | -----   |
| 0105 RICE-----                          | 77,571    | 2,629    | 74,942    | -----      | -----   |
| 0106 SORGHUM GRAINS-----                | 18,964    | 13,288   | 5,676     | -----      | -----   |
| 0107 WHEAT-----                         | 15,503    | -----    | 15,503    | -----      | -----   |
| 0111 SOYBEANS-----                      | 149,331   | -----    | 149,331   | -----      | -----   |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 16        | 16       | -----     | -----      | -----   |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 173       | 173      | -----     | -----      | -----   |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 33,700    | 33,700   | -----     | -----      | -----   |
| 1311 CHUDE PETROLEUM-----               | 476,574   | 11,184   | 447,909   | 13,957     | 3,520   |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 25,472    | 25,472   | -----     | -----      | -----   |
| 1490 Gypsum, Chalk and Plasters-----    | 2,988     | 2,988    | -----     | -----      | -----   |
| 2042 ANIMAL FEEDS-----                  | 23,781    | -----    | 23,781    | -----      | -----   |
| 2061 SUGAR-----                         | 2,553     | 2,553    | -----     | -----      | -----   |

## Waterborne Commerce of the United States, 1987

MERMENTAJ RIVER, BAYOUS NEZPIQUE AND DES CANNES, LA.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |            |                       |
|---|---------|----------|----------|------------|-----------------------|
|   |         | INBOUND  | OUTBOUND | SOUTHBOUND | THROUGH<br>SOUTHBOUND |
|   |         |          |          |            |                       |
| 2062 MOLASSES-----                      | 43,259  | 24,668   | 18,591   | -----      | -----                 |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 1,511   | 1,511    | -----    | -----      | -----                 |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 15,625  | 15,625   | -----    | -----      | -----                 |
| 2013 ALCOHOLS-----                      | 12,516  | -----    | 12,516   | -----      | -----                 |
| 2071 NITROGENOUS CHEM FERTILIZERS-----  | 19,498  | 19,498   | -----    | -----      | -----                 |
| 2072 POTASSIC CHEM FERTILIZERS-----     | 9,598   | 9,598    | -----    | -----      | -----                 |
| 2073 PHOSPHATIC CHEM FERTILIZERS-----   | 1,436   | 1,436    | -----    | -----      | -----                 |
| 2079 FERTILIZER AND MATERIALS, NEC----- | 6,284   | 6,284    | -----    | -----      | -----                 |
| 2911 GASOLINE-----                      | 201,599 | 5,099    | 196,500  | -----      | -----                 |
| 2915 RESIDUAL FUEL OIL-----             | 12,559  | 1,533    | 11,026   | -----      | -----                 |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 4,867   | -----    | 4,867    | -----      | -----                 |
| 2921 LIQUEFIED GASES-----               | 142,947 | -----    | 142,947  | -----      | -----                 |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 3,892   | 1,211    | 2,681    | -----      | -----                 |
| 4029 WASTE AND SCRAP, NEC-----          | 6,864   | 1,364    | 4,200    | -----      | 1,300                 |
| TOTAL TON-MILES, 43,233,101.            |         |          |          |            |                       |

## CALCASIEU RIVER AND PASS, LA. (LAKE CHARLES, LA.)

SECTION INCLUDED: PHILLIPS BLUFF, LA., TO THE 42-FOOT CONTOUR IN GULF OF MEXICO, 109 MILES, CONTROLLING DEPTH (MEAN LOW GULF); BAR CHANNEL, 37 FEET; JETTY CHANNEL, 42 FEET; TO LAKE CHARLES, 38 FEET; TO MILE 50, 10 FEET; TO MILE 60, 9 FEET. PROJECT DEPTHS: PHILLIPS BLUFF TO MILE 36.2, VARIOUS SPECIFIED; 35 FEET BETWEEN MILES 36 AND 34.1 ABOVE LAKE CHARLES WHARVES; 40 FEET FROM LAKE CHARLES WHARVES TO GULF OF MEXICO, WITH 40 FEET IN CLOUDNEY LOOP; 12 FEET IN CAMERON LOOP; 40 FEET IN DEVIL'S ELBOW INDUSTRIAL CANALS AND 42 FEET IN BAR CHANNEL.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | CALCASIEU<br>PASS<br>(TONS) | INTERNAL<br>TRAFFIC<br>(TONS) | TOTAL<br>(TONS) | PASSENGERS | YEAR      | CALCASIEU<br>PASS<br>(TONS) | INTERNAL<br>TRAFFIC<br>(TONS) | TOTAL<br>(TONS) | PASSENGERS |
|-----------|-----------------------------|-------------------------------|-----------------|------------|-----------|-----------------------------|-------------------------------|-----------------|------------|
| 1978----- | 13,562,949                  | 13,042,872                    | 26,605,821      | 682        | 1983----- | 13,359,794                  | 8,423,277                     | 21,783,071      | -----      |
| 1979----- | 15,346,790                  | 9,138,058                     | 24,484,857      | -----      | 1984----- | 17,591,518                  | 9,647,475                     | 27,238,993      | -----      |
| 1980----- | 10,916,373                  | 9,833,927                     | 20,750,300      | -----      | 1985----- | 16,240,283                  | 9,254,169                     | 25,494,452      | -----      |
| 1981----- | 10,364,324                  | 10,337,292                    | 20,705,616      | -----      | 1986----- | 21,008,064                  | 9,912,450                     | 30,920,514      | 5,248      |
| 1982----- | 9,274,420                   | 9,601,875                     | 18,876,295      | -----      | 1987----- | 21,958,410                  | 9,772,361                     | 31,730,771      | 5,152      |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                    | TOTAL      | FOREIGN    |           | DOMESTIC  |           |           |           | LOCAL   |  |
|--|------------|------------|-----------|-----------|-----------|-----------|-----------|---------|--|
|  |            | IMPORTS    | EXPORTS   | COASTWISE |           | INTERNAL  |           |         |  |
|  |            |            |           | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |         |  |
| TOTAL-----                                   | 31,730,771 | 14,979,620 | 4,082,018 | 497,616   | 2,399,156 | 3,989,532 | 5,122,675 | 659,954 |  |
| 0101 COTTON, RAW-----                        | 107        | -----      | 107       | -----     | -----     | -----     | -----     | -----   |  |
| 0103 CORN-----                               | 1,768      | -----      | 1,768     | -----     | -----     | -----     | -----     | -----   |  |
| 0105 RICE-----                               | 287,116    | -----      | 285,742   | -----     | -----     | 1,334     | -----     | -----   |  |
| 0106 SOYGHUM GRAINS-----                     | 510        | -----      | 510       | -----     | -----     | -----     | -----     | -----   |  |
| 0107 WHEAT-----                              | 34,722     | -----      | 34,722    | -----     | -----     | -----     | -----     | -----   |  |
| 0111 SOYBEANS-----                           | 54,784     | -----      | 20,986    | -----     | -----     | 33,798    | -----     | -----   |  |
| 0119 OILSEEDS, NEC-----                      | 116        | 116        | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 0121 TOBACCO, LEAF-----                      | 8          | 8          | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 0129 FIELD CHOPS, NEC-----                   | 40         | -----      | 40        | -----     | -----     | -----     | -----     | -----   |  |
| 0131 FRESH FRUITS-----                       | 412        | 28         | 384       | -----     | -----     | -----     | -----     | -----   |  |
| 0133 COFFEE-----                             | 15,627     | 15,627     | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 0140 FRESH AND FROZEN VEGETABLES-----        | 6,965      | 2,763      | 4,202     | -----     | -----     | -----     | -----     | -----   |  |
| 0161 ANIMALS AND PRODUCTS, NEC-----          | 2          | -----      | 2         | -----     | -----     | -----     | -----     | -----   |  |
| 0191 MISCELLANEOUS FARM PRODUCTS-----        | 10,976     | 4          | 4         | 1,286     | 9,682     | -----     | -----     | -----   |  |
| 0861 FOREST PRODUCTS, NEC-----               | 23         | -----      | 23        | -----     | -----     | -----     | -----     | -----   |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 670        | 31         | -----     | -----     | -----     | 639       | -----     | -----   |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 6,098      | 665        | 14        | -----     | -----     | 5,621     | -----     | -----   |  |
| 0931 MARINE SHELLS, UNMANUFACTURED-----      | 38,650     | -----      | -----     | -----     | -----     | 38,850    | -----     | -----   |  |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 298        | -----      | 298       | -----     | -----     | -----     | -----     | -----   |  |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 46         | -----      | -----     | 46        | -----     | -----     | -----     | -----   |  |
| 1311 CRUDE PETROLEUM-----                    | 16,904,352 | 13,667,773 | -----     | 424,437   | -----     | 1,546,506 | 1,139,849 | 185,787 |  |
| 1411 LIMESTONE-----                          | 22,915     | -----      | -----     | -----     | -----     | 22,915    | -----     | -----   |  |
| 1482 SAND, GRAVEL, CRUSHED ROCK-----         | 86,048     | -----      | 17        | -----     | -----     | 85,536    | 495       | -----   |  |
| 1451 CLAY-----                               | 332,405    | 194,521    | 60        | -----     | -----     | 9,296     | 80,954    | 47,574  |  |
| 1094 GYPSUM, CRUDE AND PLASTERS-----         | 22         | -----      | 22        | -----     | -----     | -----     | -----     | -----   |  |
| 1499 NONMETALLIC MINERALS, NEC-----          | 39,910     | 397        | 410       | 239       | 835       | 36,229    | 1,800     | -----   |  |
| 1911 ORDNANCE AND ACCESSORIES-----           | 2          | -----      | 2         | -----     | -----     | -----     | -----     | -----   |  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----       | 3,517      | 5,494      | 23        | -----     | -----     | -----     | -----     | -----   |  |
| 2012 MEAT AND PRODUCTS, NEC-----             | 177        | -----      | 177       | -----     | -----     | -----     | -----     | -----   |  |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 1          | -----      | 1         | -----     | -----     | -----     | -----     | -----   |  |
| 2021 DAIRY PRODUCTS, NEC-----                | 860        | -----      | 860       | -----     | -----     | -----     | -----     | -----   |  |
| 2022 DRIED MILK AND CREAM-----               | 13,513     | -----      | 13,513    | -----     | -----     | -----     | -----     | -----   |  |
| 2031 FISH AND SHELLFISH, PREPARED-----       | 99         | 94         | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 2034 VEGETABLES AND PREP, NEC-----           | 369        | 81         | 288       | -----     | -----     | -----     | -----     | -----   |  |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----      | 1,896      | 1,348      | 548       | -----     | -----     | -----     | -----     | -----   |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----           | 52,087     | -----      | 52,087    | -----     | -----     | -----     | -----     | -----   |  |
| 2042 ANIMAL FEEDS-----                       | 15,388     | -----      | 134       | -----     | -----     | -----     | 15,254    | -----   |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----           | 84,274     | 571        | 57,206    | -----     | -----     | 3,801     | 22,696    | -----   |  |
| 2061 SUGAR-----                              | 1          | -----      | 1         | -----     | -----     | -----     | -----     | -----   |  |
| 2081 ALCOHOLIC BEVERAGES-----                | 3,787      | 114        | 3,673     | -----     | -----     | -----     | -----     | -----   |  |

## NEW ORLEANS, LA., DISTRICT

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CALCASIEU RIVER AND PASS, LA. (LAKE CHARLES, LA.)--CONTINUED  
FREIGHT TRAFFIC, 1967--CONTINUED

(SHORT TONS)

| COMMODITY                          | TOTAL     | FOREIGN |           | DOMESTIC  |           |          |           | LOCAL       |  |
|------------------------------------|-----------|---------|-----------|-----------|-----------|----------|-----------|-------------|--|
|                                    |           | IMPORTS | EXPORTS   | COASTWISE |           | INTERNAL |           |             |  |
|                                    |           |         |           | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |             |  |
| 2091 VEGETABLE OILS, MARG, SHORT   | 5,175     |         | 5,175     |           |           |          |           |             |  |
| 2092 ANIMAL OILS AND FATS, NEC     | 9,609     |         |           |           |           |          |           | 2,703 6,906 |  |
| 2094 GROCERIES                     | 163       |         |           |           |           |          |           | 163         |  |
| 2095 ICE                           | 315       | 315     |           |           |           |          |           |             |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS   | 351,375   | 980     | 88,101    | 27,913    | 233,971   |          |           |             |  |
| 2111 TOBACCO MANUFACTURES          | 20        |         |           |           | 20        |          |           |             |  |
| 2211 BASIC TEXTILE PRODUCTS        | 1,425     | 220     | 798       |           | 407       |          |           |             |  |
| 2311 APPAREL                       | 1,404     | 188     | 46        | 775       | 395       |          |           |             |  |
| 2411 LOGS                          | 30,258    |         | 30,258    |           |           |          |           |             |  |
| 2413 FUEL WOOD, CHARCOAL, WASTES   | 20        | 20      |           |           |           |          |           |             |  |
| 2421 LU438E                        | 35,851    | 93      | 22,180    | 391       | 13,187    |          |           |             |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD  | 229       |         | 229       |           |           |          |           |             |  |
| 2491 WOOD MANUFACTURES, NEC        | 19,261    | 3,058   | 296       | 2,486     | 13,020    | 5        | 346       | 50          |  |
| 2511 FURNITURE AND FIXTURES        | 2,090     | 668     | 20        | 19        | 1,383     |          |           |             |  |
| 2611 PULP                          | 3,551     |         | 3,551     |           |           |          |           |             |  |
| 2621 STANDARD NEWSPRINT PAPER      | 15,001    |         | 15,001    |           |           |          |           |             |  |
| 2631 PAPER AND PAPERBOARD          | 135,164   | 23      | 135,141   |           |           |          |           |             |  |
| 2691 PULP AND PAPER PRODUCTS, NEC  | 17,001    | 67      | 4,165     | 316       | 12,493    |          |           |             |  |
| 2711 PRINTED HATTER                | 1,383     | 21      | 14        | 37        | 1,311     |          |           |             |  |
| 2810 SODIUM HYDROXIDE              | 1,138,798 |         |           |           | 228,062   | 117,512  | 746,077   | 47,147      |  |
| 2811 CHUDE TAR, OIL, GAS PRODUCTS  | 8,400     |         |           |           |           |          | 8,400     |             |  |
| 2812 DYES, PIGMENT, TANNING MATS   | 2         |         | 2         |           |           |          |           |             |  |
| 2813 ALCOHOLS                      | 77,124    | 9,021   | 5,083     |           |           | 39,895   | 20,266    | 2,059       |  |
| 2817 BENZENE AND TOLUENE           | 6,744     |         | 61        |           |           |          |           | 6,663       |  |
| 2818 SULPHURIC ACID                | 68,097    |         |           |           |           | 45,891   | 22,206    |             |  |
| 2819 BASIC CHEMICALS AND PROD, NEC | 1,114,164 | 18      | 619,252   | 2,072     | 90,560    | 110,072  | 291,199   | 991         |  |
| 2821 PLASTIC MATERIALS             | 30,148    | 81      | 30,067    |           |           |          |           |             |  |
| 2822 SYNTHETIC RUBBER              | 647       |         | 647       |           |           |          |           |             |  |
| 2823 SYNTHETIC (MAN-MADE) FIBERS   | 16        |         | 16        |           |           |          |           |             |  |
| 2831 DRUGS                         | 15        |         | 15        |           |           |          |           |             |  |
| 2841 SOAP                          | 369       | 10      | 359       |           |           |          |           |             |  |
| 2851 PAINTS                        | 608       | 21      | 587       |           |           |          |           |             |  |
| 2861 GUM AND MUDD CHEMICALS        | 10,392    |         | 4,936     |           |           |          |           | 5,456       |  |
| 2871 NITROGENOUS CHEM FERTILIZERS  | 25,460    |         | 79        |           |           |          |           |             |  |
| 2872 POTASSIC CHEM FERTILIZERS     | 32        |         | 32        |           |           |          |           |             |  |
| 2876 INSECTICIDES, DISINFECTANTS   | 2,111     |         | 2,111     |           |           |          |           |             |  |
| 2879 FERTILIZER AND MATERIALS, NEC | 424       |         | 424       |           |           |          |           |             |  |
| 2891 MISCELLANEOUS CHEMICAL PROD   | 79,047    | 23      | 3,590     |           |           |          |           |             |  |
| 2911 GASOLINE                      |           |         | 77        |           | 1,104,797 | 252,769  | 629,278   |             |  |
| 2912 JET FUEL                      | 1,986,921 |         | 32,940    |           | 116,518   | 10,199   | 18,485    | 3,894       |  |
| 2913 KEROSENE                      | 291,315   |         |           | 17,144    |           | 256,592  |           | 17,579      |  |
| 2914 DISTILLATE FUEL OIL           | 1,310,795 | 68,190  | 47,171    |           | 330,181   | 40,373   | 521,745   | 303,135     |  |
| 2915 RESIDUAL FUEL OIL             | 1,577,135 | 358,712 | 118,035   |           |           | 408,155  | 692,233   |             |  |
| 2916 LUBRICATING OILS AND GREASES  | 461,277   |         | 12,353    | 275       | 85,460    | 18,013   | 341,864   | 3,312       |  |
| 2917 VAPHTHA, PETROLEUM SOLVENTS   | 676,332   | 395,151 | 73        |           | 17,068    | 135,531  | 93,245    | 35,264      |  |
| 2918 ASPHALT, TAR, AND PITCHES     | 42,103    |         |           |           |           | 50,604   | 41,099    |             |  |
| 2920 COKE, PETROLEUM COKE          | 2,961,442 |         | 2,251,922 |           |           | 500,274  | 209,246   |             |  |
| 2921 LIQUEFIED GASES               | 220,671   | 152,173 | 64,050    |           | 72        | 4,576    |           |             |  |
| 2951 ASPHALT BUILDING MATERIALS    | 2         |         | 2         |           |           |          |           |             |  |
| 2991 PETROLEUM AND COAL PROD, NEC  | 273,401   |         | 26        | 78        | 83,928    | 159,611  | 29,762    |             |  |
| 3011 RUBBER AND MISC PLASTIC PROD  | 17,048    | 199     | 863       | 2,904     | 12,882    |          |           |             |  |
| 3111 LEATHER AND LEATHER PRODUCTS  | 865       | 25      | 278       | 149       | 413       |          |           |             |  |
| 3211 GLASS AND GLASS PRODUCTS      | 773       | 402     | 371       |           |           |          |           |             |  |
| 3241 BUILDING CEMENT               | 49,996    | 49,226  |           |           |           | 216      | 554       |             |  |
| 3251 STRUCTURAL CLAY PRODUCTS      | 927       | 93      | 844       |           |           |          |           |             |  |
| 3271 LIME                          | 22,719    |         | 1         |           |           | 22,718   |           |             |  |
| 3281 CUT STONE AND STONE PRODUCTS  | 300       | 297     | 3         |           |           |          |           |             |  |
| 3291 MISC NONMETALLIC MINERAL PROD | 55,048    | 109     | 45,902    | 509       | 10,468    |          |           |             |  |
| 3311 PIG IRON                      | 27,752    | 27,752  |           |           |           |          |           |             |  |
| 3312 SLAG                          | 14,504    |         |           |           |           | 6,851    | 8,350     | 1,303       |  |
| 3314 IRON AND STEEL PRIMARY FORMS  | 1,805     |         | 903       |           |           |          |           |             |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET | 2,052     | 2,029   | 623       |           |           |          |           |             |  |
| 3316 IRON AND STEEL PLATES, SHEETS | 758       |         | 758       |           |           |          |           |             |  |
| 3317 IRON AND STEEL PIPE AND TUBE  | 3,560     |         | 851       |           |           |          |           |             |  |
| 3318 FERROALLOYJS                  | 22        |         | 22        |           |           |          |           |             |  |
| 3319 IRON AND STEEL PRODUCTS, NEC  | 4,601     | 60      | 600       | 42        | 3,849     |          |           |             |  |
| 3321 NONFERROUS METALS, NEC        | 173       |         | 173       |           |           |          |           |             |  |
| 3322 COPPER ALLOYS, UNWORKED       | 47        |         | 47        |           |           |          |           |             |  |
| 3323 LEAD AND ZINC, UNWORKED       | 49        | 44      | 5         |           |           |          |           |             |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED | 21,159    | 62      | 84        |           |           | 21,013   |           |             |  |
| 3411 FABRICATED METAL PRODUCTS     | 6,268     | 233     | 2,047     | 297       | 3,662     | 13       | 16        |             |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL  | 31,068    | 162     | 3,003     | 3,491     | 6,138     | 5,264    | 12,510    |             |  |
| 3611 ELECTRICAL MACH AND EQUIP     | 47,545    | 183     | 42,484    | 4,566     | 292       |          |           |             |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP  | 1,760     | 26      | 1,734     |           |           |          |           |             |  |
| 3721 AIRCRAFT AND PARTS            | 4         |         | 4         |           |           |          |           |             |  |
| 3751 SHIPS AND BOATS               | 62        |         | 62        |           |           |          |           |             |  |
| 3791 MISC TRANSPORTATION EQUIPMENT | 6,678     |         | 1,450     | 253       | 8,975     |          |           |             |  |
| 3811 INSTR, TIME, PHOT, JPT GOODS  | 4,522     | 9       | 263       | 3,816     | 434       |          |           |             |  |
| 3911 MISC MANUFACTURED PRODUCTS    | 35,169    | 80      | 154       | 10        | 63        | 11,255   | 23,607    |             |  |
| 4012 NONFERROUS METAL SCRAP        | 66        | 66      |           |           |           |          |           |             |  |
| 4022 TEXTILE ASSTC, SCRAP, SHEEP   | 78        |         | 78        |           |           |          |           |             |  |
| 4023 PAPER ASSTC AND SCRAP         | 2,647     |         | 2,647     |           |           |          |           |             |  |
| 4029 WASTE AND SCRAP, NEC          | 24,386    |         |           | 2,853     | 1,461     | 2,992    | 17,080    |             |  |
| 4111 WATER                         | 3,018     |         |           |           |           | 178      | 2,840     |             |  |
| 4112 COMMODITIES, NEC              | 4,243     | 100     | 659       | 688       | 2,239     | 208      | 313       |             |  |
| 4118 WATERWAY IMPROVEMENT MAT      | 10,300    |         |           |           |           | 10,300   |           |             |  |
| 4119 EMPTY CONTAINERS              | 37        |         |           |           | 37        |          |           |             |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI | 298       |         | 298       |           |           |          |           |             |  |

TOTAL TONS-MILES: 837,800,149.

## Waterborne Commerce of the United States, 1987

## PORT OF NEW ORLEANS, LA.

SECTION INCLUDED: BOTH BANKS OF THE MISSISSIPPI RIVER FROM MILE 127 A.M.P. TO THE MOUTH OF THE PASSES; INNERHARBOR NAVIGATION CANAL, 5.5 MILES; MISSISSIPPI RIVER-GULF OUTLET FROM ITS JUNCTION WITH THE INNERHARBOR NAVIGATION CANAL TO BAYOU BIENVENUE, 7 MILES; AND HARVEY CANAL, 5.5 MILES. CONTROLLED DEPTHS: MISSISSIPPI RIVER, 45 FEET; INNERHARBOR NAVIGATION CANAL, 30 FEET TO MILE 2.1, THENCE 32 FEET; MISSISSIPPI RIVER-GULF OUTLET, 30 FEET IN BAR CHANNEL, 37 FEET; HARVEY CANAL, 12 FEET. PROJECT DEPTHS: MISSISSIPPI RIVER, 40 FEET; INNERHARBOR NAVIGATION CANAL, 32 FEET TO MILE 2.1, NOFE BEYOND; MISSISSIPPI RIVER-GULF OUTLET, 36 FEET; 38 FEET IN BAR CHANNEL; HARVEY CANAL, 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR   | VESSEL TRAFFIC                         |                                      |                                      |                            | PASSENGERS | YEAR   | VESSEL TRAFFIC                         |                                      |                                      |                            | PASSENGERS |
|--------|--|--------------------------------------|--------------------------------------|----------------------------|------------|--------|--|--------------------------------------|--------------------------------------|----------------------------|------------|
|        | CORPORATE LIMITS OF NEW ORLEANS (TONS) | POINTS ABOVE CORPORATE LIMITS (TONS) | POINTS BELOW CORPORATE LIMITS (TONS) | PORT OF NEW ORLEANS (TONS) |            |        | CORPORATE LIMITS OF NEW ORLEANS (TONS) | POINTS ABOVE CORPORATE LIMITS (TONS) | POINTS BELOW CORPORATE LIMITS (TONS) | PORT OF NEW ORLEANS (TONS) |            |
| 1978-- | 58,595,360                             | 68,930,751                           | 33,085,628                           | 160,611,739                | 487,346    | 1983-- | 53,767,752                             | 63,551,216                           | 38,953,221                           | 156,272,189                | 514,690    |
| 1979-- | 62,520,874                             | 69,297,585                           | 35,316,767                           | 167,135,226                | 532,288    | 1984-- | 60,472,456                             | 51,684,884                           | 42,062,884                           | 154,220,218                | 541,701    |
| 1980-- | 62,920,663                             | 75,382,453                           | 38,512,684                           | 177,315,800                | 503,591    | 1985-- | 60,624,335                             | 44,613,866                           | 41,359,519                           | 146,677,720                | 1,601,471  |
| 1981-- | 66,811,907                             | 78,083,475                           | 43,955,218                           | 188,850,600                | 518,361    | 1986-- | 58,866,334                             | 47,005,270                           | 43,210,514                           | 149,082,118                | 1,876,068  |
| 1982-- | 60,366,230                             | 76,867,320                           | 40,068,837                           | 177,302,387                | 478,531    | 1987-- | 66,151,610                             | 55,831,001                           | 45,935,211                           | 167,917,822                | 1,315,188  |

## ADDITIONAL TRAFFIC

| YEAR      | DEEP DRAFT THROUGH TRAFFIC (TONS) | YEAR      | DEEP DRAFT THROUGH TRAFFIC (TONS) |
|-----------|-----------------------------------|-----------|-----------------------------------|
|           |                                   |           |                                   |
| 1978----- | 126,032,260                       | 1983----- | 95,819,529                        |
| 1979----- | 134,003,136                       | 1984----- | 89,592,834                        |
| 1980----- | 134,568,492                       | 1985----- | 83,651,413                        |
| 1981----- | 131,938,979                       | 1986----- | 88,465,253                        |
| 1982----- | 104,578,793                       | 1987----- | 92,199,151                        |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                 | TOTAL       | FOREIGN    |            | DOMESTIC  |            |            |            | LOCAL     |  |
|---|-------------|------------|------------|-----------|------------|------------|------------|-----------|--|
|   |             | IMPORTS    | EXPORTS    | COASTWISE |            | INTERNAL   |            |           |  |
|   |             |            |            | RECEIPTS  | SHIPMENTS  | RECEIPTS   | SHIPMENTS  |           |  |
| TOTAL-----                                | 167,917,822 | 18,591,032 | 47,173,714 | 2,113,436 | 14,163,412 | 64,814,888 | 17,528,370 | 3,532,970 |  |
| 0101 COTTON, RAW-----                     | 59,675      | -----      | 55,165     | -----     | -----      | 4,510      | -----      | -----     |  |
| 0102 BARLEY AND MYE-----                  | 116,055     | 62         | 78,233     | -----     | -----      | 37,760     | -----      | -----     |  |
| 0103 CORN-----                            | 30,445,349  | 45         | 15,876,438 | -----     | 113,512    | 14,483,541 | 11,813     | -----     |  |
| 0104 OATS-----                            | 131,828     | 123,785    | 513        | -----     | 3,090      | -----      | 4,440      | -----     |  |
| 0105 RICE-----                            | 598,232     | 574        | 375,491    | 125       | 16,681     | 204,261    | 1,300      | -----     |  |
| 0106 SORGHUM GRAINS-----                  | 1,884,996   | -----      | 973,376    | -----     | 4          | 910,162    | 1,454      | -----     |  |
| 0107 WHEAT-----                           | 5,416,281   | -----      | 2,718,846  | -----     | 79,783     | 2,545,513  | 68,631     | 7,500     |  |
| 0111 SOYBEANS-----                        | 17,426,091  | -----      | 8,860,096  | -----     | -----      | 8,556,564  | 6,859      | 2,572     |  |
| 0119 OILSEEDS, NEC-----                   | 28,530      | 629        | 27,366     | -----     | 535        | -----      | -----      | -----     |  |
| 0121 TOBACCO, LEAF-----                   | 2,555       | 541        | 1,692      | -----     | 322        | -----      | -----      | -----     |  |
| 0122 HAY AND FORAGE-----                  | 307         | -----      | 267        | 40        | -----      | -----      | -----      | -----     |  |
| 0129 FIELD CROPS, NEC-----                | 14,845      | 814        | 5,023      | 130       | 8,878      | -----      | -----      | -----     |  |
| 0131 FRESH FRUITS-----                    | 18,612      | 37         | 1,890      | 1,779     | 14,906     | -----      | -----      | -----     |  |
| 0132 BANANAS AND PLANTAINS-----           | 59,645      | 53,458     | 40         | 1,564     | 4,783      | -----      | -----      | -----     |  |
| 0133 COFFEE-----                          | 315,175     | 262,497    | 21,653     | 11,969    | 19,056     | -----      | -----      | -----     |  |
| 0134 COCOA BEANS-----                     | 1,264       | 561        | 26         | 373       | 304        | -----      | -----      | -----     |  |
| 0141 FRESH AND FROZEN VEGETABLES-----     | 50,841      | 3,606      | 10,148     | 5,385     | 31,722     | -----      | -----      | -----     |  |
| 0151 LIVE ANIMALS-----                    | 4           | -----      | 2          | 2         | -----      | -----      | -----      | -----     |  |
| 0161 ANIMALS AND PRODUCTS, NEC-----       | 6,819       | 507        | 6,280      | -----     | 32         | -----      | -----      | -----     |  |
| 0191 MISCELLANEOUS FARM PRODUCTS-----     | 2,594       | 847        | 755        | 295       | 697        | -----      | -----      | -----     |  |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----    | 240,092     | 239,121    | 4,431      | -----     | 540        | -----      | -----      | -----     |  |
| 0861 FOREST PRODUCTS, NEC-----            | 7,082       | 2,431      | 4,260      | 188       | 203        | -----      | -----      | -----     |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----    | 4,941       | 592        | 419        | 2,864     | 523        | 543        | -----      | -----     |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----      | 31,310      | 147        | 3,065      | 363       | 759        | 26,976     | -----      | -----     |  |
| 0931 MARINE SHELLS, UNMANUFACTURED-----   | 544,686     | 96         | -----      | -----     | -----      | 538,600    | 6,000      | -----     |  |
| 1011 IRON ORE AND CONCENTRATES-----       | 200,754     | 117,014    | -----      | -----     | -----      | -----      | 83,740     | -----     |  |
| 1021 COPPER ORE AND CONCENTRATES-----     | 837         | -----      | 837        | -----     | -----      | -----      | -----      | -----     |  |
| 1051 ALUMINUM ORES, CONCENTRATES-----     | 177,275     | 152,488    | 15,013     | -----     | -----      | -----      | 9,774      | -----     |  |
| 1061 MANGANESE ORES, CONCENTRATES-----    | 76,243      | 29,945     | -----      | -----     | -----      | 1,835      | 46,463     | -----     |  |
| 1091 NUNFERROUS ORES, CONC'LITE, VEL----- | 296,348     | 95,731     | 52,644     | -----     | -----      | -----      | 147,973    | -----     |  |
| 1121 COAL AND LIMESTONE-----              | 24,821,639  | 422,590    | 4,831,416  | -----     | 6,871,263  | 12,966,536 | 129,834    | -----     |  |
| 1311 CRUDE PETROLEUM-----                 | 17,390,507  | 8,360,199  | -----      | 712,929   | 49,031     | 5,596,503  | 2,040,955  | 630,890   |  |
| 1411 LIMESTONE-----                       | 56,974      | 125        | -----      | -----     | 156        | 50,741     | 5,952      | -----     |  |
| 1412 BUILDING STONE, UNMARKED-----        | 353         | -----      | 20         | -----     | 333        | -----      | -----      | -----     |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----      | 725,162     | 6,575      | 13,756     | 23        | 59         | 258,511    | 44,222     | 16        |  |
| 1451 CLAY-----                            | 757,233     | 423,777    | 40,829     | -----     | 2,097      | 26,216     | 257,047    | 7,267     |  |
| 1471 PHOSPHATE ROCK-----                  | 387,731     | 603        | 429        | 381,219   | -----      | 2,725      | 2,755      | -----     |  |
| 1479 NATURAL FERTILIZER MATS, NEC-----    | 1,350       | -----      | -----      | -----     | -----      | -----      | 1,350      | -----     |  |
| 1892 SULPHUR, LIQUID-----                 | 16,963      | -----      | 16,963     | -----     | -----      | -----      | -----      | -----     |  |
| 1493 GYPSUM, CRUDE AND PLASTERS-----      | 3,869,844   | -----      | 7,318      | 2,013,674 | 1,580,788  | 222,693    | 49,371     | -----     |  |
| 1495 NONMETALLIC MINERALS, NEC-----       | 295,016     | 291,952    | 1,215      | -----     | 1,851      | -----      | -----      | -----     |  |
| 1911 ORDNANCE AND ACCESSORIES-----        | 631,383     | 345,956    | 105,384    | 679       | 3,300      | 13,873     | 162,011    | -----     |  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----    | 122,071     | 15,117     | 41,418     | 6,008     | 59,528     | -----      | -----      | -----     |  |
| 2012 MEAT AND PRODUCTS, NEC-----          | 33,629      | 17,919     | 539        | 3,142     | 12,029     | -----      | -----      | -----     |  |
| 2019 TALLOW, ANIMAL FATS AND OILS-----    | 291,764     | -----      | 236,325    | -----     | 9,999      | 45,440     | -----      | -----     |  |
| 2025 ANIMAL BY-PRODUCTS, NEC-----         | 3,362       | 232        | 1,276      | 676       | 954        | -----      | -----      | -----     |  |
| 2028 DAIRY PRODUCTS, NEC-----             | 16,495      | 4,904      | 879        | 618       | 10,098     | -----      | -----      | -----     |  |
| 2022 DRIED MILK AND CREAM-----            | 23,333      | -----      | 15,940     | 115       | 7,278      | -----      | -----      | -----     |  |
| 2031 FISH AND SHELLFISH, PREPARED-----    | 52,510      | 1,989      | 203        | 54,575    | 15,743     | -----      | -----      | -----     |  |
| 2034 VEGETABLES AND PREP., NEC-----       | 46,516      | 5,798      | 13,283     | 5,227     | 19,208     | -----      | -----      | -----     |  |

## NEW ORLEANS, LA, DISTRICT

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PORT OF NEW ORLEANS, LA.--CONTINUED  
FREIGHT TRAFFIC, 1967--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL      | FOREIGN   |           | DOMESTIC  |           |           |           | LOCAL     |  |
|--|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
|  |            |           |           | COASTWISE |           | INTERNAL  |           |           |  |
|  |            | IMPORTS   | EXPORTS   | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |           |  |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----  | 23,576     | 10,435    | 1,095     | 3,636     | 7,610     | -----     | -----     | -----     |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 32,003     | -----     | 26,378    | -----     | 1,530     | 4,095     | -----     | -----     |  |
| 2042 ANIMAL FEEDS-----                   | 7,401,255  | 13,840    | 4,123,776 | 34,026    | 14,890    | 3,049,111 | 152,118   | 13,492    |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 3,710,680  | 1,716     | 2,212,361 | 342       | 25,849    | 1,467,084 | 3,328     | -----     |  |
| 2061 SUGAR-----                          | 831,948    | 54,686    | 316,481   | 132,665   | 8,025     | 270,435   | 45,656    | -----     |  |
| 2062 MOLASSES-----                       | 385,414    | 212,652   | 12        | -----     | 20        | 8,509     | 162,821   | 1,400     |  |
| 2081 ALCOHOLIC BEVERAGES-----            | 92,666     | 43,626    | 8,873     | 15,425    | 24,944    | -----     | -----     | -----     |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 1,876,560  | 283,624   | 851,150   | 269       | 26,146    | 657,391   | 19,559    | 38,421    |  |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 90,996     | 39        | 89,646    | -----     | -----     | -----     | 1,311     | -----     |  |
| 2094 GROCERIES-----                      | 1,620      | -----     | -----     | 375       | 1,252     | -----     | 1         | -----     |  |
| 2095 ICE-----                            | 3,646      | 3,646     | -----     | -----     | -----     | -----     | -----     | -----     |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 197,659    | 22,310    | 87,617    | 19,583    | 31,157    | 15,527    | 16,650    | 4,000     |  |
| 2111 TOBACCO MANUFACTURES-----           | 680        | 56        | 132       | 126       | 366       | -----     | -----     | -----     |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 82,447     | 45,460    | 16,498    | 318       | 1,574     | -----     | 18,593    | 4         |  |
| 2212 TEXTILE FIBERS, NEC-----            | 20,476     | 13,534    | 180       | 1         | 77        | 150       | 6,534     | -----     |  |
| 2341 APPAREL-----                        | 22,210     | 4,194     | 2,005     | 4,453     | 11,558    | -----     | -----     | -----     |  |
| 2411 LOGS-----                           | 52,656     | 132       | 28,137    | -----     | -----     | 24,507    | -----     | -----     |  |
| 2413 FUEL WOOD, CHARCOAL, NASTES-----    | 619        | -----     | 580       | -----     | 39        | -----     | -----     | -----     |  |
| 2414 TIMBER, POSTS, POLES, PILING-----   | 3,936      | 56        | 2,711     | -----     | 560       | -----     | 605       | -----     |  |
| 2416 WOOD CHIPS, STAVES, MOLDINGS-----   | 2,001      | 1,675     | 326       | -----     | -----     | -----     | -----     | -----     |  |
| 2421 LUMBER-----                         | 103,703    | 35,760    | 56,876    | 33        | 1,534     | 3,554     | 5,946     | -----     |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 186,475    | 148,324   | 16,293    | 12        | 20,653    | 566       | 2,120     | 507       |  |
| 2491 WOOD MANUFACTURES, NEC-----         | 32,269     | 21,163    | 7,273     | 642       | 3,102     | 85        | 4         | -----     |  |
| 2511 FURNITURE AND FIXTURES-----         | 15,656     | 8,481     | 1,394     | 1,170     | 4,611     | -----     | -----     | -----     |  |
| 2611 PULP-----                           | 417,700    | -----     | 250,029   | -----     | 175       | 167,496   | -----     | -----     |  |
| 2621 STANDARD NEWSPRINT PAPER-----       | 18,565     | 4,278     | 8,625     | -----     | 602       | 4,390     | 670       | -----     |  |
| 2631 PAPER AND PAPERBOARD-----           | 540,646    | 84,805    | 357,470   | 1,456     | 13,762    | 53,009    | 29,735    | 409       |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 71,485     | 1,027     | 8,118     | 4,548     | 14,211    | 43,581    | -----     | -----     |  |
| 2711 PRINTED MATTER-----                 | 8,168      | 553       | 2,655     | 475       | 485       | -----     | -----     | -----     |  |
| 2810 SODIUM HYDROXIDE-----               | 87,544     | -----     | -----     | -----     | 236       | 79,640    | 7,477     | 191       |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 221,636    | 17,433    | 25,809    | -----     | 63        | 33,928    | 146,423   | -----     |  |
| 2812 DYES, PIGMENT, TANNING MATS-----    | 468        | -----     | 449       | -----     | 19        | -----     | -----     | -----     |  |
| 2813 ALCOHOLS-----                       | 392,188    | 76,062    | 101,687   | 7,260     | 2,715     | 92,874    | 111,590   | -----     |  |
| 2814 RADIONACTIVE MATERIALS, WASTES----- | 6,896      | 5,640     | 1,256     | -----     | -----     | -----     | -----     | -----     |  |
| 2817 BENZENE AND TOLUENE-----            | 912,636    | 16,631    | 12,683    | -----     | 196       | 62,276    | 808,718   | 19,132    |  |
| 2818 SULPHURIC ACID-----                 | 145,729    | -----     | -----     | 40        | 627       | 68,064    | 70,432    | 6,566     |  |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 3,359,014  | 1,346,698 | 634,890   | 18,248    | 15,732    | 676,869   | 661,958   | 6,619     |  |
| 2821 PLASTIC MATERIALS-----              | 217,362    | 9,287     | 160,717   | 511       | 42,582    | -----     | 265       | -----     |  |
| 2822 SYNTHETIC RUBBER-----               | 108,853    | 2,311     | 53,111    | 5,717     | 252       | 8,676     | 38,786    | -----     |  |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----    | 4,054      | 133       | 3,921     | -----     | -----     | -----     | -----     | -----     |  |
| 2831 DRUGS-----                          | 14,935     | 2,086     | 6,608     | 2,579     | 3,662     | -----     | -----     | -----     |  |
| 2841 SOAP-----                           | 22,833     | 5,245     | 2,381     | 4,321     | 10,886    | -----     | -----     | -----     |  |
| 2851 PAINTS-----                         | 18,525     | 11,238    | 8,460     | 277       | 2,550     | -----     | -----     | -----     |  |
| 2861 GUM AND WOOD CHEMICALS-----         | 6,172      | 60        | 6,068     | -----     | 84        | -----     | -----     | -----     |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 342,712    | 162,657   | 43,951    | 17,582    | 18        | 24,185    | 98,319    | -----     |  |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 336,869    | 226,631   | 1,374     | -----     | 12        | 12,876    | 95,976    | -----     |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 333,044    | -----     | -----     | 67,656    | -----     | -----     | 285,388   | -----     |  |
| 2875 INSECTICIDES, DISINFECTANTS-----    | 30,387     | 10,322    | 18,094    | 703       | 1,266     | -----     | -----     | -----     |  |
| 2877 FERTILIZER AND MATERIALS, NEC-----  | 1,714,553  | 36        | 53,916    | 285,546   | 208       | 2,951     | 1,371,896 | -----     |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 151,344    | 43,147    | 82,908    | 6,661     | 4,803     | 7,828     | 8,458     | 1,539     |  |
| 2911 GASOLINE-----                       | 5,080,102  | 58,043    | 2,328     | 38,649    | 1,893,700 | 836,799   | 2,235,116 | 13,465    |  |
| 2912 JET FUEL-----                       | 820,332    | 6,283     | 168,313   | -----     | 204,269   | 136,793   | 304,670   | -----     |  |
| 2913 KEROSENE-----                       | 42,055     | -----     | -----     | -----     | 2,207     | -----     | 39,848    | -----     |  |
| 2914 DISTILLATE FUEL OIL-----            | 3,891,031  | 396,609   | 175,615   | -----     | 377,528   | 576,718   | 1,944,494 | 420,067   |  |
| 2915 RESIDUAL FUEL OIL-----              | 11,966,631 | 372,484   | 616,095   | 60,557    | 2,209,107 | 4,711,534 | 1,857,885 | 2,137,169 |  |
| 2916 LUBRICATING OILS AND GREASES-----   | 652,411    | 61,463    | 114,162   | 10,682    | 9,383     | 334,562   | 118,186   | 3,973     |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 481,296    | -----     | 35,012    | -----     | 2,666     | 228,657   | 154,553   | 60,028    |  |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 138,754    | 13        | 13,534    | -----     | 76        | 81,295    | 43,836    | -----     |  |
| 2920 COKE, PETROLEUM COKE-----           | 3,022,093  | 500       | 1,441,880 | -----     | 89        | 1,152,731 | 369,583   | 57,310    |  |
| 2921 LIQUEFIED GASES-----                | 915,153    | 28,426    | 813       | 32,910    | 25,112    | 716,530   | 108,974   | 2,588     |  |
| 2951 ASPHALT BUILDING MATERIALS-----     | 273        | -----     | 73        | 20        | 180       | -----     | -----     | -----     |  |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 249,511    | 6,226     | 1,556     | 52        | 9,771     | 179,893   | 52,013    | -----     |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 126,498    | 39,057    | 66,840    | 11,618    | 8,983     | -----     | -----     | -----     |  |
| 3111 LEATHER AND LEATHER PRODUCTS-----   | 4,091      | 1,905     | 587       | 743       | 856       | -----     | -----     | -----     |  |
| 3211 GLASS AND GLASS PRODUCTS-----       | 30,989     | 9,806     | 10,828    | 1,667     | 2,872     | -----     | 5,816     | -----     |  |
| 3241 BUILDING CEMENT-----                | 581,644    | 510,502   | 2,586     | 77        | 21        | 51,049    | 15,859    | 1,550     |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 26,554     | 12,264    | 9,286     | 2,704     | 2,300     | -----     | -----     | -----     |  |
| 3271 LIME-----                           | 19,268     | -----     | 12        | -----     | 12        | 19,244    | -----     | -----     |  |
| 3281 CUT STONE AND STONE PRODUCTS-----   | 13,772     | 7,845     | 944       | 2,669     | 2,314     | -----     | -----     | -----     |  |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 56,263     | 7,498     | 9,970     | 1,848     | 5,180     | 31,432    | 335       | -----     |  |
| 3311 PIG IRON-----                       | 129,196    | 71,664    | 155       | -----     | -----     | -----     | 57,377    | -----     |  |
| 3312 SLAG-----                           | 74,809     | -----     | -----     | -----     | 23        | 69,390    | 5,396     | -----     |  |
| 3313 COKE, PET ASPHALT, SOLVENTS-----    | 23         | -----     | -----     | -----     | 23        | -----     | -----     | -----     |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 806,712    | 248,102   | 107       | -----     | 564       | 9,190     | 542,569   | 6,180     |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 2,058,586  | 1,349,544 | 11,279    | 8,635     | 648       | 12,039    | 672,793   | 5,648     |  |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 270,021    | 12,087    | 27,162    | -----     | 899       | 36,783    | 181,139   | 11,951    |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 403,319    | 189,065   | 6,734     | 142       | 315       | 4,985     | 197,746   | 4,332     |  |
| 3318 FERROALLOYS-----                    | 981,315    | 532,380   | 30,993    | 1,777     | 986       | 13,267    | 396,089   | 5,823     |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 151,007    | 49,753    | 5,643     | 124       | 2,046     | 11,882    | 81,759    | -----     |  |
| 3321 NONFERROUS METALS, NEC-----         | 12,733     | 2,958     | 3,552     | 25        | 201       | -----     | 5,997     | -----     |  |
| 3322 COPPER ALLOYS, UNWORKED-----        | 93,870     | 52,866    | 2,040     | 2,028     | 534       | -----     | 30,354    | 2,048     |  |
| 3323 LEAD AND ZINC, UNWORKED-----        | 89,532     | 31,770    | 554       | -----     | 494       | -----     | 56,162    | 552       |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----  | 103,475    | 77,640    | 3,042     | 867       | 464       | -----     | 20,394    | 1,060     |  |
| 3411 FABRICATED METAL PRODUCTS-----      | 167,749    | 113,943   | 15,321    | 7,909     | 11,477    | 2,595     | 16,288    | 216       |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 265,373    | 126,026   | 6,460     | 6,280     | 4,958     | 15,467    | 43,971    | 211       |  |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 59,986     | 17,818    | 17,576    | 15,133    | 5,237     | 1,025     | 3,197     | -----     |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 88,817     | 63,924    | 10,156    | 2,530     | 2,914     | 494       | 6,799     | -----     |  |
| 3721 AIRCRAFT AND PARTS-----             | 552        | 27        | 524       | 1         | -----     | -----     | -----     | -----     |  |
| 3731 SHIPS AND BOATS-----                | 4,942      | 1,289     | 2,951     | 7         | 11        | 84        | 1,000     | -----     |  |
| 3791 MISC TRANSPORTATION EQUIPMENT-----  | 4,450      | 907       | 3,042     | -----     | 101       | -----     | -----     | -----     |  |
| 3811 INSTN, TIME, PHOTO, OPT. GOODS----- | 5,202      | 878       | 1,790     | 1,049     | 665       | -----     | -----     | 75        |  |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 63,617     | 2,673     | 1,705     | 19,674    | 28,602    | 4,141     | 6,747     | 75        |  |
| 4011 IRON AND STEEL SCRAP-----           | 245,984    | 587       | 122,662   | 18        | 259       | 40,404    | 81,344    | 1,090     |  |
| 4012 NONFERROUS METAL SCRAP-----         | 207,501    | 175,732   | 21,253    | 1,591     | 1,043     | 7,047     | 235       | -----     |  |

## Waterborne Commerce of the United States, 1987

PORT OF NEW ORLEANS, LA.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | FOREIGN |         | DOMESTIC  |           |          |           | LOCAL  |  |
|---|---------|---------|---------|-----------|-----------|----------|-----------|--------|--|
|   |         | IMPORTS | EXPORTS | COASTWISE |           | INTERNAL |           |        |  |
|   |         |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |        |  |
| 4022 TEXTILE WASTE, SCRAP, SHEEP-----   | 2,499   | 60      | 1,974   | 296       | 169       | -----    | -----     | -----  |  |
| 4024 PAPER WASTE AND SCRAP-----         | 7,537   | -----   | 7,352   | 64        | 121       | -----    | -----     | -----  |  |
| 4029 WASTE AND SCRAP, NEC-----          | 79,735  | -----   | -----   | 4,329     | 53        | 4,379    | 59,439    | 11,835 |  |
| 4111 WATER-----                         | 2,641   | -----   | -----   | -----     | -----     | 110      | 1,331     | 1,200  |  |
| 4112 COMMODITIES, NEC-----              | 242,795 | 10,791  | 17,299  | 60,978    | 72,202    | 63,977   | 17,395    | 153    |  |
| 4118 WATERWAY IMPROVEMENT MATERIAL----- | 805,088 | -----   | -----   | -----     | -----     | 802,000  | 68        | 3,000  |  |
| 4119 EMPTY CONTAINERS-----              | 2,070   | -----   | -----   | 27        | 174       | 657      | 978       | 234    |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 4,366   | -----   | 4,366   | -----     | -----     | -----    | -----     | -----  |  |

## PORT OF BATON ROUGE, LA.

SECTION INCLUDED: BOTH BANKS OF MISSISSIPPI RIVER FROM MILE 168 A.H.P. THROUGH MILE 253 A.H.P., INCLUDING THE BATON ROUGE BARGE CANAL FROM A POINT ON THE EAST BANK OF THE MISSISSIPPI RIVER AT MILE 234.5 A.H.P., FOR A DISTANCE OF 5 MILES. CONTROLLING DEPTHS: 40 FEET TO MILE 233, 12 FEET BEYOND; 12 FEET IN BARGE CANAL. PROJECT DEPTHS: 40 FEET TO MILE 232.5; 12 FEET BEYOND AND IN BARGE CANAL.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 74,570,106 | 1983----- | 66,395,407 |
| 1979----- | 76,703,422 | 1984----- | 66,198,761 |
| 1980----- | 79,346,780 | 1985----- | 70,715,564 |
| 1981----- | 72,044,690 | 1986----- | 77,184,199 |
| 1982----- | 68,556,268 | 1987----- | 73,401,202 |

\* PASSENGERS--106,059.

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                    | TOTAL      | FOREIGN   |            | DOMESTIC  |           |            |            | LOCAL     |  |
|--|------------|-----------|------------|-----------|-----------|------------|------------|-----------|--|
|  |            | IMPORTS   | EXPORTS    | COASTWISE |           | INTERNAL   |            |           |  |
|  |            |           |            | RECEIPTS  | SHIPMENTS | RECEIPTS   | SHIPMENTS  |           |  |
| TOTAL-----                                   | 75,401,202 | 8,680,048 | 10,129,758 | 7,836,110 | 3,138,371 | 15,333,552 | 22,763,922 | 1,519,441 |  |
| 0101 COTTON, RAW-----                        | 59         | -----     | 59         | -----     | -----     | -----      | -----      | -----     |  |
| 0102 BARLEY AND MYE-----                     | 34,631     | -----     | 34,631     | -----     | -----     | -----      | -----      | -----     |  |
| 0103 CURN-----                               | 850,646    | -----     | 634,870    | 43,848    | 170,294   | 1,634      | -----      | -----     |  |
| 0104 OATS-----                               | 260,500    | 102,027   | -----      | 296       | 2,998     | 155,177    | -----      | -----     |  |
| 0105 RICE-----                               | 21,979     | -----     | 18,489     | -----     | 3,490     | -----      | -----      | -----     |  |
| 0106 SUGARUM GRAINS-----                     | 202,421    | -----     | 190,119    | -----     | 12,302    | -----      | -----      | -----     |  |
| 0107 WHEAT-----                              | 207,652    | -----     | 107,684    | -----     | 87,343    | 12,625     | -----      | -----     |  |
| 0111 SOYBEANS-----                           | 1,511,050  | -----     | 1,272,334  | 2,917     | 232,204   | 1,419      | 2,176      | -----     |  |
| 0119 OILSEEDS, NEC-----                      | 300        | -----     | -----      | -----     | 300       | -----      | -----      | -----     |  |
| 0122 HAY AND FORAGE-----                     | 266        | -----     | -----      | -----     | 266       | -----      | -----      | -----     |  |
| 0133 COFFEE-----                             | 121        | 121       | -----      | -----     | -----     | -----      | -----      | -----     |  |
| 0161 ANIMALS AND PRODUCTS, NEC-----          | 1,553      | -----     | 1,553      | -----     | -----     | -----      | -----      | -----     |  |
| 0841 CRUDE RUBBER AND ALLIED GUAS-----       | 292        | -----     | 292        | -----     | -----     | -----      | -----      | -----     |  |
| 3861 FOREST PRODUCTS, NEC-----               | 16         | 16        | -----      | -----     | -----     | -----      | -----      | -----     |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 106        | -----     | -----      | -----     | 53        | -----      | 53         | -----     |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 356        | 8         | -----      | -----     | 174       | -----      | 174        | -----     |  |
| 0931 MARINE SHELLS, UNMANUFACTURED-----      | 4,933      | -----     | -----      | -----     | 2,000     | 2,933      | -----      | -----     |  |
| 1011 IRON ORE AND CONCENTRATES-----          | 3,229,412  | 1,632,039 | -----      | -----     | 6,836     | 1,565,737  | 24,800     | -----     |  |
| 1021 COPPER ORE AND CONCENTRATES-----        | 126,182    | -----     | 59,755     | -----     | 66,427    | -----      | -----      | -----     |  |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 805,660    | 578,736   | 20         | -----     | -----     | 226,904    | -----      | -----     |  |
| 1061 MANGANESE OXIDES, CONCENTRATES-----     | 387,308    | 196,025   | -----      | -----     | -----     | 189,803    | 1,400      | -----     |  |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 189,352    | 85,910    | 7,485      | -----     | -----     | 95,957     | -----      | -----     |  |
| 1121 COAL AND LIGNITE-----                   | 5,864,092  | -----     | 2,873,304  | -----     | 2,956,922 | 30,681     | 3,185      | -----     |  |
| 1311 CRUDE PETROLEUM-----                    | 10,599,662 | 2,019,523 | -----      | 6,122,957 | 78,006    | 605,570    | 1,693,360  | 80,686    |  |
| 1411 LIMESTONE-----                          | 273,753    | -----     | -----      | -----     | -----     | 872,332    | 1,421      | -----     |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----         | 286,008    | -----     | -----      | -----     | -----     | 229,964    | 56,044     | -----     |  |
| 1451 CLAY-----                               | 52,480     | 33,206    | 41         | -----     | -----     | -----      | 19,231     | -----     |  |
| 1471 PHOSPHATE ROCK-----                     | 678,704    | 540,178   | -----      | 135,942   | -----     | -----      | 2,584      | -----     |  |
| 1492 SULPHUR, DRY-----                       | 51         | -----     | 51         | -----     | -----     | -----      | -----      | -----     |  |
| 1493 SULPHUR, LIQUID-----                    | 140,413    | -----     | -----      | -----     | 130,262   | 2,151      | -----      | -----     |  |
| 1494 GYPSUM, CRUDE AND PLASTERS-----         | 136,995    | 54,355    | -----      | -----     | -----     | -----      | 82,640     | -----     |  |
| 1499 NONMETALLIC MINERALS, NEC-----          | 778,101    | 219,728   | 1,416      | -----     | 276,678   | 280,279    | -----      | -----     |  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----       | 1          | -----     | 1          | -----     | 3         | -----      | -----      | -----     |  |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 57,379     | -----     | 57,379     | -----     | -----     | -----      | -----      | -----     |  |
| 2031 FISH AND SHELLFISH, PREPARED-----       | 65         | 65        | -----      | -----     | -----     | -----      | -----      | -----     |  |
| 2034 VEGETABLES AND PREP., NEC-----          | 1,049      | -----     | 1,049      | -----     | -----     | -----      | -----      | -----     |  |
| 2039 PHEP FRUIT AND VEG JUICE, NEC-----      | 75         | 75        | -----      | -----     | -----     | -----      | -----      | -----     |  |
| 2041 MEAT FLUJU AND SEMOLINA-----            | 23,655     | -----     | 23,655     | -----     | -----     | -----      | -----      | -----     |  |
| 2042 ANIMAL FEEDS-----                       | 4,057,538  | -----     | 1,990,036  | 2,722     | 2,050,322 | 8,159      | 6,299      | -----     |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----           | 2,262,591  | 6         | 1,110,934  | 18,087    | 1,153,584 | -----      | -----      | -----     |  |
| 2062 MOLASSES-----                           | 212,179    | 60,926    | -----      | -----     | -----     | 151,253    | -----      | -----     |  |
| 2081 ALCOHOLIC BEVERAGES-----                | 19         | 19        | -----      | -----     | -----     | -----      | -----      | -----     |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----        | 64,584     | 4,219     | 56,866     | -----     | 3,087     | 412        | -----      | -----     |  |
| 2092 ANIMAL OILS AND FATS, NEC-----          | 5,015      | -----     | 5,015      | -----     | -----     | -----      | -----      | -----     |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----        | 179        | 67        | 92         | -----     | -----     | -----      | -----      | -----     |  |
| 2211 BASIC TEXTILE PRODUCTS-----             | 197        | 96        | 101        | -----     | -----     | -----      | -----      | -----     |  |
| 2411 LOGS-----                               | 4,665      | -----     | 4,665      | -----     | -----     | -----      | -----      | -----     |  |
| 2413 FUELWOOD, CHARCOAL, ASHES-----          | 129        | -----     | 129        | -----     | -----     | -----      | -----      | -----     |  |
| 2416 WOOD CHIPS, STAVES, HOLDINGS-----       | 1,173      | -----     | -----      | -----     | 1,173     | -----      | -----      | -----     |  |
| 2421 LUMBER-----                             | 60         | 48        | 12         | -----     | -----     | -----      | -----      | -----     |  |
| 2431 VENEER, PLYWOOD, KNOBBED WOOD-----      | 4,717      | 266       | 4,451      | -----     | -----     | -----      | -----      | -----     |  |
| 2511 FURNITURE AND FIXTURES-----             | 110        | 100       | 10         | -----     | -----     | -----      | -----      | -----     |  |

## NEW ORLEANS, LA., DISTRICT

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PORT OF BATON ROUGE, LA.--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN |           | DOMESTIC  |           |           |           | LOCAL   |  |
|---|-----------|---------|-----------|-----------|-----------|-----------|-----------|---------|--|
|   |           | IMPORTS | EXPORTS   | COASTWISE |           | INTERNAL  |           |         |  |
|   |           |         |           | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |         |  |
| 2611 PULP-----                          | 337,209   | -----   | 328,376   | -----     | -----     | -----     | 8,833     | -----   |  |
| 2621 STANDARD VENSPRINT PAPER-----      | 9,923     | -----   | -----     | -----     | 9,923     | -----     | -----     | -----   |  |
| 2631 PAPER AND PAPERBOARD-----          | 25,181    | 52      | 23,759    | -----     | -----     | -----     | 1,330     | -----   |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 4,250     | -----   | 4,250     | -----     | -----     | -----     | -----     | -----   |  |
| 2810 SODIUM HYDROXIDE-----              | 1,813,965 | -----   | -----     | 441,099   | 151,657   | 1,178,467 | 42,742    | 7,950   |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 49,530    | -----   | 12,764    | -----     | 21,665    | 8,143     | -----     | -----   |  |
| 2813 ALCOROLES-----                     | 1,358,068 | 17,785  | 125,001   | 136,857   | 62,247    | 910,188   | 86,390    | -----   |  |
| 2817 BENZENE AND TOLUENE-----           | 1,699,429 | 25,125  | 14,101    | 43,113    | 832,428   | 575,830   | 200,832   | -----   |  |
| 2818 SULPHURIC ACID-----                | 711,731   | -----   | -----     | -----     | 288,724   | 315,175   | 107,032   | -----   |  |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 6,375,046 | 596,675 | 1,757,697 | 71,990    | 1,133,484 | 2,426,582 | 320,618   | -----   |  |
| 2821 PLASTIC MATERIALS-----             | 4,292     | 1       | 4,291     | -----     | -----     | -----     | -----     | -----   |  |
| 2822 SYNTHETIC RUBBER-----              | 630       | -----   | 630       | -----     | -----     | -----     | -----     | -----   |  |
| 2841 SOAP-----                          | 11        | 11      | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 2851 PAINTS-----                        | 4,918     | 4,869   | 49        | -----     | -----     | -----     | -----     | -----   |  |
| 2861 GUM AND MUDD CHEMICALS-----        | 406       | -----   | 406       | -----     | -----     | -----     | -----     | -----   |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 3,880,265 | 676,645 | 966,343   | 20,392    | 71,925    | 281,861   | 1,647,588 | 15,581  |  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 393,205   | 164,704 | 4,491     | -----     | -----     | 16,753    | 197,232   | 10,825  |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 378,659   | 52,360  | -----     | 113,968   | 7,502     | 3,244     | 201,585   | -----   |  |
| 2876 INSECTICIDES, DISINFECTANTS-----   | 2,241     | 2,234   | 7         | -----     | -----     | -----     | -----     | -----   |  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 2,694,076 | -----   | 853,316   | 724,882   | -----     | 24,378    | 1,090,013 | 1,087   |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 71,800    | 13,211  | 10,693    | -----     | -----     | 5,486     | 42,410    | -----   |  |
| 2911 GASOLINE-----                      | 3,639,785 | 35,108  | 441       | 28,232    | 454,675   | 437,849   | 2,654,769 | 28,711  |  |
| 2912 JET FUEL-----                      | 696,459   | 33,279  | 80,094    | -----     | 20,716    | 42,20     | 513,365   | 6,785   |  |
| 2913 KEROSENE-----                      | 420,258   | 33,224  | -----     | 362,731   | -----     | 6,738     | 17,565    | -----   |  |
| 2914 DISTILLATE FUEL OIL-----           | 2,819,333 | -----   | 48,097    | 14,415    | 754,282   | 797,858   | 1,111,769 | 92,912  |  |
| 2915 RESIDUAL FUEL OIL-----             | 4,556,933 | 94,806  | 307,220   | 173,732   | 691,507   | 815,308   | 2,356,423 | 117,937 |  |
| 2916 LUBRICATING OILS AND GREASES-----  | 914,996   | 10,878  | 279,397   | -----     | 292,607   | 136,701   | 195,413   | -----   |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 1,142,397 | -----   | -----     | 95,746    | 30,363    | 457,106   | 528,086   | 26,296  |  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 455,730   | 64,042  | 26,024    | -----     | -----     | 77,887    | 241,717   | 46,060  |  |
| 2920 COKE, PETROLEUM COKE-----          | 1,907,688 | 255,836 | 429,657   | -----     | -----     | 189,362   | 759,341   | 273,492 |  |
| 2921 LIQUEFIED GASES-----               | 132,982   | 104,496 | 164       | -----     | -----     | -----     | 28,322    | -----   |  |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 44,512    | -----   | -----     | -----     | 15,370    | 5,832     | 23,510    | -----   |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 212       | 127     | 85        | -----     | -----     | -----     | -----     | -----   |  |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 135       | 135     | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 3211 GLASS AND GLASS PRODUCTS-----      | 69        | 69      | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 3241 BUILDING CEMENT-----               | 991,559   | 565,529 | -----     | -----     | -----     | 110,191   | 316,039   | -----   |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 302       | 40      | 262       | -----     | -----     | 63,448    | -----     | -----   |  |
| 3271 LIME-----                          | 63,448    | -----   | -----     | -----     | -----     | 1,405     | -----     | -----   |  |
| 3281 CUT STONE AND STONE PRODUCTS-----  | 1,445     | 40      | 17        | -----     | -----     | 5,967     | 67,197    | -----   |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 17        | -----   | -----     | -----     | -----     | 4,452     | -----     | -----   |  |
| 3311 PIG IRON-----                      | 117,163   | 81,064  | 4,450     | -----     | -----     | 5,967     | -----     | -----   |  |
| 3312 SLAG-----                          | 5,967     | -----   | -----     | -----     | -----     | 293       | 5,584     | -----   |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 12,150    | 189     | -----     | -----     | -----     | -----     | 11,961    | -----   |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 25,721    | 19,844  | -----     | -----     | -----     | 2,845     | 697       | -----   |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 6,573     | -----   | 3,031     | -----     | -----     | -----     | 3,060     | -----   |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 13,198    | 10,136  | -----     | -----     | -----     | -----     | 402,064   | -----   |  |
| 3318 FERROALLOYS-----                   | 620,156   | 218,092 | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 3321 NONFERROUS METALS, NEC-----        | 26,055    | -----   | 9,640     | -----     | -----     | 16,415    | -----     | 1,213   |  |
| 3322 COPPER ALLOYS, UNWORKED-----       | 1,564     | 308     | 43        | -----     | -----     | -----     | -----     | -----   |  |
| 3323 LEAD AND ZINC, UNWORKED-----       | 2,187     | 2,187   | -----     | -----     | -----     | 441       | 11,517    | -----   |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 67,760    | 22,765  | 161       | -----     | -----     | -----     | 44,834    | -----   |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 1,459     | 688     | 132       | -----     | -----     | 639       | -----     | -----   |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 965       | 505     | 260       | -----     | -----     | 260       | -----     | -----   |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 62        | 8       | 54        | -----     | -----     | -----     | -----     | -----   |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 613       | 563     | 50        | -----     | -----     | -----     | -----     | -----   |  |
| 3731 SHIPS AND BOATS-----               | 35        | 24      | 11        | -----     | -----     | -----     | -----     | -----   |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 95        | -----   | 95        | -----     | -----     | -----     | -----     | -----   |  |
| 3811 INSTN, TIME, PHOTU, OPT GUADS----- | 2         | 2       | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 68        | 45      | 3         | -----     | -----     | -----     | -----     | -----   |  |
| 4011 IRON AND STEEL SCRAP-----          | 810,397   | 36,410  | 375,468   | -----     | -----     | 358,500   | 40,019    | -----   |  |
| 4012 NONFERROUS METAL SCRAP-----        | 34,015    | 31,045  | 1,528     | -----     | -----     | 1,442     | -----     | -----   |  |
| 4022 TEXTILE WASTE, SCRAP, SHEEP-----   | 14        | -----   | 14        | -----     | -----     | -----     | -----     | -----   |  |
| 4029 WASTE AND SCRAP, NEC-----          | 56,321    | -----   | -----     | -----     | -----     | 11,324    | 44,997    | -----   |  |
| 4112 COMMODITIES, NEC-----              | 17,791    | 17,492  | 299       | -----     | -----     | -----     | -----     | -----   |  |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 84,738    | -----   | -----     | -----     | -----     | 84,738    | -----     | -----   |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 6         | -----   | 6         | -----     | -----     | -----     | -----     | -----   |  |

## Waterborne Commerce of the United States, 1987

## OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY  | COMMODITY  | TONS   | TOTAL<br>TON-MILES | PASSENGERS |
|---|--|--|--------------------|------------|
| PROJECT   |  |  |                    |            |
| ANITE RIVER AND BAYOU MANCHAC, LA.                                      | NO COMMERCE REPORTED   |  |                    |            |
| BAYOU BONFOUCA, LA.   | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>0931 MARINE SHELLS, UNMANUFACTURED-----<br>1121 COAL AND LIGNITE-----  | 25<br>338<br>28,000<br>40,130  |                    |            |
|   | TOTAL-----   | 76,493   | 592,177            |            |
| BAYOU DUPRE, LA.  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>2019 BASIC CHEMICALS AND PROD, NEC-----<br>2911 GASOLINE-----<br>2915 RESIDUAL FUEL OIL-----<br>2921 LIQUEFIED GASES-----<br>4110 WATERWAY IMPROVEMENT MAT-----  | 201<br>1,502<br>1,384<br>63,148<br>6,011<br>29,191<br>4,200  |                    |            |
|   | TOTAL-----   | 105,637  | 135,162            |            |
| BAYOU GROSSE TETE, LA.  | NO COMMERCE REPORTED   |  |                    |            |
| BAYOU LACOMBE, LA.  | NO COMMERCE REPORTED   |  |                    |            |
| BAYOU PLAQUEMINES BRULE, LA.  | 1311 CRUDE PETROLEUM-----<br>4029 WASTE AND SCRAP, NEC-----  | 3,524<br>1,300   |                    |            |
|   | TOTAL-----   | 4,824  | 91,656             |            |
| BAYOU SEINETTE WATERWAY, LA.  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>1311 CRUDE PETROLEUM-----  | 181<br>751<br>6,130  |                    |            |
|   | TOTAL-----   | 7,062  | 35,704             |            |
| BAYOU TERREBONNE, LA.   | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>1311 CRUDE PETROLEUM-----<br>1451 CLAY-----<br>2099 MISCELLANEOUS FOOD PRODUCTS-----<br>2019 BASIC CHEMICALS AND PROD, NEC-----<br>2914 DISTILLATE FUEL OIL-----<br>2918 ASPHALT, TAR, AND PITCHES-----<br>3241 BUILDING CEMENT-----<br>3317 IRON AND STEEL PIPE AND TUBE-----<br>3411 FABRICATED METAL PRODUCTS-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----<br>4111 WATER-----<br>4112 COMMODITIES, NEC----- | 266<br>7,675<br>143,721<br>35<br>11,384<br>6<br>862<br>25<br>110<br>15<br>34<br>43<br>1,182<br>657                           |                    |            |
|   | TOTAL-----   | 166,215  | 2,775,565          |            |
| BAYOUS LA LOUTRE, ST. MALO, AND YSCLOSKEY, LA.                          | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>1311 CRUDE PETROLEUM-----<br>1451 CLAY-----<br>2014 DISTILLATE FUEL OIL-----   | 1,804<br>13,516<br>2,800<br>334<br>388   |                    |            |
|   | TOTAL-----   | 16,842   | 76,952             |            |
| BIG PIGEON AND LITTLE PIGEON BAYOUS, LA.                                | 1311 CRUDE PETROLEUM-----<br>1451 CLAY-----<br>2019 BASIC CHEMICALS AND PROD, NEC-----<br>3241 BUILDING CEMENT-----  | 123,414<br>2,388<br>793<br>342   |                    |            |
|   | TOTAL-----   | 126,937  | 1,015,496          |            |
| CHEFUNKTE AND BOGUE FALIA RIVERS, LA.                                   | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>0931 MARINE SHELLS, UNMANUFACTURED-----<br>1442 SAND, GRAVEL, CRUSHED ROCK-----  | 25<br>338<br>15,000<br>3,200   |                    |            |
|   | TOTAL-----   | 18,563   | 37,126             |            |
| CYPRESS BAYOU AND WATERWAY BETWEEN JEFFERSON, TEX., AND SHREVEPORT, LA. | NO COMMERCE REPORTED   |  |                    |            |
| FRANKLIN CANAL, LA. (GULF INTRACOASTAL WATERWAY)                        | NO COMMERCE REPORTED   |  |                    |            |
| FRESHWATER BAYOU, LA.   | 1311 CRUDE PETROLEUM-----<br>1451 CLAY-----<br>1499 NONMETALLIC MINERALS, NEC-----<br>2094 GROCERIES-----<br>2019 BASIC CHEMICALS AND PROD, NEC-----<br>2912 JET FUEL-----<br>2914 DISTILLATE FUEL OIL-----<br>3241 BUILDING CEMENT-----<br>3317 IRON AND STEEL PIPE AND TUBE-----<br>3411 FABRICATED METAL PRODUCTS-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----<br>3731 SHIPS AND BOATS-----<br>3911 MISC MANUFACTURED PRODUCTS-----<br>4111 WATER-----<br>4112 COMMODITIES, NEC-----          | 193,593<br>10,893<br>266<br>131<br>2,966<br>591<br>4,869<br>1,228<br>3,111<br>27<br>6,473<br>1,000<br>6,319<br>12,444<br>640 |                    |            |
|   | TOTAL-----   | 244,551  | 4,083,678          |            |
| PASS MANCHAC, LA.   | 0931 MARINE SHELLS, UNMANUFACTURED-----<br>1311 CRUDE PETROLEUM-----   | 47,480<br>11,532   |                    |            |

## OTHER HARBOURS AND WATERWAYS--CONTINUED

| HARBOR OR WATERWAY  | COMMODITY  | TONS  | TOTAL<br>TON-<br>MILES | PASSENGERS |
|---|--|---|------------------------|------------|
| PROJECT--CONTINUED  |  |   |                        |            |
| PASS MANCHAC, LA. (CONTINUED)-----  | 2091 VEGETABLE OILS, MARS, SHORT-----<br>2072 POTASSIC CHEM FERTILIZERS-----<br>2914 DISTILLATE FUEL OIL-----<br>2921 LIQUEFIED GASES-----<br>3241 BUILDING CEMENT-----  | 3,230<br>3,030<br>192<br>588<br>359   |                        |            |
|   | TOTAL-----   | 66,331  | 420,497                |            |
| TICKFAW, NATALBANY, PONCHATOUA, AND BLOOD RIVERS, LA.-----  | NO COMMERCE REPORTED   |   |                        |            |
| VINTON WATERWAY, LA.-----   | NO COMMERCE REPORTED   |   |                        |            |
| WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA.<br>(BAYOUS LE CARPE AND GRAND CAILLOU)----- | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>1311 CRUDE PETROLEUM-----<br>1442 SAND, GRAVEL, CRUSHED ROCK-----<br>1451 CLAY-----<br>1499 NONMETALLIC MINERALS, NEC-----<br>2042 ANIMAL FEEDS-----<br>2092 ANIMAL OILS AND FATS, NEC-----<br>2094 GROCERIES-----<br>2491 WOOD MANUFACTURES, NEC-----<br>2818 SULPHURIC ACID-----<br>2819 BASIC CHEMICALS AND PROD, NEC-----<br>2914 DISTILLATE FUEL OIL-----<br>2918 ASPHALT, TAR, AND PITCHES-----<br>3241 BUILDING CEMENT-----<br>3317 IRON AND STEEL PIPE AND TUBE-----<br>3411 FABRICATED METAL PRODUCTS-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----<br>3911 MISC MANUFACTURED PRODUCTS-----<br>4111 WATER-----<br>4112 COMMODITIES, NEC-----<br>4119 EMPTY CONTAINERS----- | 622<br>17,906<br>18,390<br>3<br>49,264<br>7,268<br>25,522<br>1,322<br>1,209<br>80<br>20<br>3,079<br>49,102<br>25<br>8,401<br>1,633<br>76<br>3,142<br>1,805<br>367<br>1<br>200 |                        |            |
|   | TOTAL-----   | 189,437   | 1,102,183              |            |
| NONPROJECT  |  |   |                        |            |
| LAKE PONTCHARTRAIN, LA.-----  | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>0931 MARINE SHELLS, UNMANUFACTURED-----<br>1121 COAL AND LIGNITE-----<br>1311 CRUDE PETROLEUM-----<br>1442 SAND, GRAVEL, CRUSHED ROCK-----<br>1451 CLAY-----<br>2091 VEGETABLE OILS, MARS, SHORT-----<br>2072 POTASSIC CHEM FERTILIZERS-----<br>2914 DISTILLATE FUEL OIL-----<br>2921 LIQUEFIED GASES-----<br>3241 BUILDING CEMENT-----<br>4110 WATERWAY IMPROVEMENT MAT-----  | 418<br>4,390<br>1,458,250<br>48,130<br>12,297<br>4,595<br>750<br>3,230<br>3,030<br>340<br>588<br>720<br>135,800   |                        |            |
|   | TOTAL-----   | 1,672,538   | 35,123,298             |            |

**Waterborne Commerce of the United States, 1987**  
**GALVESTON, TX, DISTRICT**

JOHNSONS BAYOU, LA.

SECTION INCLUDED: 2,300 FEET THROUGH THE BAR AT THE MOUTH OF THE BAYOU TO BLUE BUCK RIDGE, ABOUT 5.5 MILES, CONTROLLING DEPTH: 6 FEET. PROJECT DEPTHS: 6 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 426,386 | 1983----- | 144,106 |
| 1979----- | 487,653 | 1984----- | 140,357 |
| 1980----- | 568,057 | 1985----- | 246,959 |
| 1981----- | 638,289 | 1986----- | 329,759 |
| 1982----- | 437,745 | 1987----- | 587,745 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |
|---|---------|----------|----------|
|   |         | INBOUND  | OUTBOUND |
| TOTAL-----                              | 587,745 | 6,537    | 581,208  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 5,005   | 5,005    | -----    |
| 1311 CRUDE PETROLEUM-----               | 582,740 | 1,532    | 581,208  |
| TOTAL TON-MILES, 2,335,965.             |         |          |          |

SABINE-NECHES WATERWAY, TEX. (BEAUMONT, ORANGE,  
PORT ARTHUR, AND SABINE PASS HARBOR, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO TURNING BASINS AT WEST PORT ARTHUR, BEAUMONT, AND ORANGE, TEX., ABOUT 82 MILES; ADAMS BAYOU CHANNEL, ABOUT 2 MILES; AND COW BAYOU CHANNEL, ABOUT 7 MILES, CONTROLLING DEPTH: SABINE PASS CHANNEL, TEX., 38 FEET; PORT ARTHUR, TEX., 43 FEET; BEAUMONT, TEX., 35 FEET; EXTENSION TO BETHLEHEM STEEL SHIPYARD, 40 FEET; ORANGE, TEX., 30 FEET EXCEPT CHANNEL AROUND HARBOR ISLAND, 25 FEET; ADAMS BAYOU CHANNEL, 9 FEET; AND COW BAYOU CHANNEL, 11 FEET. PROJECT DEPTHS: SABINE PASS HARBOR, TEX., 40 FEET; PORT ARTHUR, TEX., 40 FEET; BEAUMONT, TEX., 40 FEET EXCEPT TURNING BASINS, 34 FEET, AND EXTENSION TO BETHLEHEM STEEL SHIPYARD, 30 FEET; ORANGE, TEX., 30 FEET EXCEPT CHANNEL AROUND HARBOR ISLAND, 25 FEET; ADAMS BAYOU, 12 FEET, AND COW BAYOU, 13 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS        | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|-------------|------------|-----------|------------|------------|
| 1978----- | 113,514,002 | 18         | 1983----- | 80,771,470 | -----      |
| 1979----- | 119,023,508 | -----      | 1984----- | 78,072,502 | -----      |
| 1980----- | 108,123,592 | -----      | 1985----- | 70,236,929 | 36,004     |
| 1981----- | 94,458,945  | -----      | 1986----- | 75,943,277 | 98         |
| 1982----- | 79,526,671  | -----      | 1987----- | 79,741,723 | 99         |

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE SABINE-NECHES WATERWAY, TEX.  
(BEAUMONT, ORANGE, PORT ARTHUR, AND SABINE PASS HARBOR, TEX.).

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL      | FOREIGN    |           | DOMESTIC  |           | LOCAL     | THROUGH   |
|---|------------|------------|-----------|-----------|-----------|-----------|-----------|
|   |            | IMPORTS    | EXPORTS   | COASTWISE | INTERNAL  |           |           |
| TOTAL-----                              | 79,741,723 | 15,274,360 | 7,398,686 | 4,611,497 | 5,014,292 | 9,788,136 | 8,352,782 |
| 0101 COTTON, RAW-----                   | 4,510      | -----      | -----     | -----     | -----     | -----     | 4,510     |
| 0103 CORN-----                          | 7,990      | -----      | 902       | -----     | -----     | -----     | 7,088     |
| 0106 DATS-----                          | 68,384     | -----      | -----     | -----     | -----     | -----     | 68,384    |
| 0105 RICE-----                          | 284,422    | -----      | 46,514    | -----     | -----     | -----     | 237,908   |
| 0106 SUGARUM GRAINS-----                | 10,638     | -----      | 23        | -----     | -----     | 2,600     | 7,015     |
| 0107 MEAT-----                          | 3,366,560  | -----      | 3,300,273 | -----     | 1,539     | -----     | 60,748    |
| 0111 SOYBEANS-----                      | 348,355    | -----      | 339,514   | -----     | -----     | 4,683     | 4,150     |
| 0129 FIELD CROPS, VEC-----              | 16         | -----      | 18        | -----     | -----     | -----     | -----     |
| 0133 COFFEE-----                        | 614        | 414        | -----     | -----     | -----     | -----     | -----     |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 3,994      | -----      | 3,944     | -----     | -----     | -----     | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 1          | 1          | -----     | -----     | -----     | -----     | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 279,689    | -----      | -----     | 148,510   | -----     | -----     | 131,179   |
| 1011 IRON ORE AND CONCENTRATES-----     | 4,191      | -----      | -----     | -----     | 1,315     | -----     | 2,876     |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 7,819      | -----      | -----     | -----     | -----     | -----     | 7,019     |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 41,673     | -----      | -----     | -----     | -----     | -----     | 41,673    |
| 1091 NONFERROUS ORES, CONCENT, VEC----- | 6,581      | -----      | 19        | -----     | -----     | -----     | 6,562     |
| 1121 COAL AND LIGNITE-----              | 34,025     | -----      | -----     | -----     | -----     | -----     | 34,023    |
| 1311 CRUDE PETROLEUM-----               | 24,763,419 | 13,118,755 | 3,705,141 | 255,685   | 4,269,511 | 404,210   | 88,879    |
| 1111 LIMESTONE-----                     | 117,622    | 2,908      | -----     | -----     | 104,209   | -----     | 10,505    |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----    | 525,506    | -----      | -----     | -----     | 337,263   | 4,367     | 183,916   |
| 1451 CLAY-----                          | 47,634     | -----      | 3,110     | -----     | 11,990    | 9,234     | 23,100    |
| 1493 SULPHUR, LIQUID-----               | 573,184    | -----      | -----     | 565,671   | 5,741     | 220       | 201,552   |
| 1494 GYPSUM, CRUDE AND PLASTERS-----    | 2,638      | -----      | -----     | -----     | -----     | -----     | 2,030     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 26,178     | -----      | -----     | -----     | 2,042     | 1,311     | 22,825    |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 2,904      | -----      | -----     | -----     | -----     | -----     | 2,904     |
| 2015 ANIMAL BY-PRODUCTS, VEC-----       | 61         | -----      | 61        | -----     | -----     | -----     | -----     |
| 2022 DRIED MILK AND CREAM-----          | 1,177      | -----      | 1,177     | -----     | -----     | -----     | -----     |
| 2041 MEAT FLOUR AND SEMOLINA-----       | 535,245    | -----      | 535,245   | -----     | -----     | -----     | -----     |

## GALVESTON, TX, DISTRICT

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BASINE-NECHES WATERWAY, TEX. (BEAUMONT, ORANGE,  
PORT ARTHUR, AND BASINE PASS HARBOR, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1967--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL     | FOREIGN |           | DOMESTIC INTERNAL |           |           |           | LOCAL   | THROUGH   |  |  |
|--|-----------|---------|-----------|-------------------|-----------|-----------|-----------|---------|-----------|--|--|
|  |           | IMPORTS | EXPORTS   | COASTWISE         |           | RECEIPTS  | SHIPMENTS |         |           |  |  |
|  |           |         |           | RECEIPTS          | SHIPMENTS |           |           |         |           |  |  |
| 2042 ANIMAL FEEDS-----                   | 164,747   | 43,666  | 75,446    | -----             | -----     | 11,261    | 12,704    | -----   | 21,670    |  |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 33,429    | -----   | 16,056    | -----             | -----     | 6,338     | -----     | 10,235  |           |  |  |
| 2061 SUGAR-----                          | 89,817    | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 89,817    |  |  |
| 2062 MOLASSES-----                       | 61,508    | -----   | -----     | -----             | -----     | 2,904     | -----     | -----   | 58,604    |  |  |
| 2081 ALCHEMICAL BEVERAGES-----           | 10        | 10      | -----     | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 4,289     | -----   | 1,378     | -----             | -----     | -----     | -----     | -----   | 2,911     |  |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 50,797    | -----   | 35,919    | -----             | -----     | 4,036     | 2,050     | -----   | 8,792     |  |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 32        | 26      | 6         | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 2212 TEXTILE FIBERS, NEC-----            | 6,684     | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 6,684     |  |  |
| 2411 LOGS-----                           | 1,583     | -----   | 310       | -----             | -----     | -----     | -----     | -----   | 1,273     |  |  |
| 2414 TIMBER, POSTS, POLES, PILING-----   | 2         | -----   | -----     | -----             | 2         | -----     | -----     | -----   | -----     |  |  |
| 2421 LUMBER-----                         | 31,469    | 21,024  | 8,687     | -----             | 1,758     | -----     | -----     | -----   | -----     |  |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 102,636   | 447     | 94,595    | -----             | 2,427     | -----     | 249       | -----   | 4,918     |  |  |
| 2491 WOOD MANUFACTURES, NEC-----         | 14,360    | -----   | 14,360    | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 2511 FURNITURE AND FIXTURES-----         | 1         | -----   | 1         | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 2611 PULP-----                           | 175       | -----   | 175       | -----             | -----     | -----     | -----     | -----   | 18,170    |  |  |
| 2621 STANDARD NEWSPRINT PAPER-----       | 21,299    | 1,492   | 1,637     | -----             | -----     | -----     | -----     | -----   | 18,170    |  |  |
| 2631 PAPER AND PAPERBOARD-----           | 195,065   | 29,838  | 118,581   | -----             | -----     | -----     | -----     | -----   | 46,846    |  |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 80        | -----   | 80        | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 2810 SODIUM HYDROXIDE-----               | 686,364   | -----   | -----     | -----             | -----     | 65,137    | 11,221    | 791     | 609,215   |  |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 578,194   | 2,091   | 42,172    | -----             | -----     | 4,987     | 99,943    | 20,761  | 408,240   |  |  |
| 2813 ALCOHOLS-----                       | 1,607,357 | -----   | 36,959    | 4,530             | 169,669   | 79,895    | 586,582   | 21,622  | 708,100   |  |  |
| 2816 RADIOACTIVE MATERIALS, WASTES-----  | 1,344     | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 1,344     |  |  |
| 2817 BENZENE AND TOLUENE-----            | 2,968,183 | 3,472   | 72,656    | 17,711            | 45,281    | 354,158   | 733,608   | 106,937 | 1,634,360 |  |  |
| 2818 SULPHURIC ACID-----                 | 292,926   | -----   | -----     | -----             | -----     | 70,965    | 70,543    | 11,200  | 140,210   |  |  |
| 2819 BASIC CHEMICALS AND PHOD, NEC-----  | 9,279,593 | 552,224 | 608,114   | 166,977           | 15,277    | 495,575   | 653,875   | 99,492  | 6,686,063 |  |  |
| 2821 PLASTIC MATERIALS-----              | 3,339     | -----   | 3,339     | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 2822 SYNTHETIC RUBBER-----               | 3,596     | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 3,596     |  |  |
| 2831 DRUGS-----                          | 15        | -----   | 15        | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 2841 SOAP-----                           | 3,349     | -----   | 534       | -----             | -----     | -----     | -----     | -----   | 2,815     |  |  |
| 2861 GUM AND WOOD CHEMICALS-----         | 13        | -----   | 13        | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 444,997   | -----   | 31,089    | -----             | -----     | -----     | -----     | -----   | 413,908   |  |  |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 141,221   | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 141,221   |  |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 72,483    | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 72,483    |  |  |
| 2879 FERTILIZERS AND MATERIALS, NEC----- | 109,165   | -----   | -----     | 14,302            | -----     | -----     | -----     | -----   | 94,863    |  |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 208,512   | 4,258   | 8,054     | -----             | 105,116   | -----     | 5,834     | -----   | 87,250    |  |  |
| 2911 GASOLINE-----                       | 6,360,292 | 16,705  | 36,859    | 167,904           | 1,779,209 | 1,123,254 | 626,216   | 131,159 | 2,470,986 |  |  |
| 2912 JET FUEL-----                       | 799,685   | -----   | 65,751    | 10,250            | 155,264   | 16,253    | 220,324   | -----   | 333,841   |  |  |
| 2913 KEROSENE-----                       | 515,605   | -----   | -----     | -----             | -----     | 60,169    | 3,125     | -----   | 252,309   |  |  |
| 2914 DISTILLATE FUEL OIL-----            | 4,355,923 | 61,941  | 155,639   | 90,457            | 1,026,832 | 388,808   | 647,793   | 108,416 | 1,906,035 |  |  |
| 2915 RESIDUAL FUEL OIL-----              | 7,709,293 | 277,251 | 353,421   | 294,828           | 212,633   | 912,235   | 2,205,582 | 199,264 | 3,254,079 |  |  |
| 2916 LUBRICATING OILS AND GREASES-----   | 2,331,169 | 12,973  | 318,522   | 139,397           | 523,615   | 90,219    | 529,076   | 10,819  | 706,548   |  |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 3,529,854 | 864,537 | -----     | -----             | 260,628   | 205,081   | 323,356   | 205,511 | 1,590,741 |  |  |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 439,673   | -----   | 815       | -----             | 58,056    | -----     | 150,584   | -----   | 229,410   |  |  |
| 2920 COKE, PETROLEUM COKE-----           | 1,492,720 | -----   | 1,006,247 | -----             | -----     | 109,698   | 198,662   | -----   | 170,093   |  |  |
| 2921 LIQUEFIED GASES-----                | 497,309   | -----   | 2,145     | -----             | -----     | 12,592    | 1,363     | -----   | 481,209   |  |  |
| 2991 PETROLEUM AND CUAL PROD, NEC-----   | 835,615   | -----   | -----     | -----             | 17,607    | 36,785    | 434,966   | 5,420   | 340,837   |  |  |
| 3011 RUBBER AND MISC PLASTIC PRD-----    | 469       | -----   | 469       | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 3111 LEATHER AND LEATHER PRODUCTS-----   | 19        | -----   | 19        | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 3241 BUILDING CEMENT-----                | 215,762   | -----   | -----     | -----             | 1,337     | 189,509   | 3,683     | -----   | 21,273    |  |  |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 11,977    | -----   | 958       | -----             | -----     | 5,600     | -----     | -----   | 11,019    |  |  |
| 3311 PIG IRON-----                       | 27,648    | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 22,048    |  |  |
| 3312 SLAG-----                           | 32,349    | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 32,349    |  |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 408,725   | 227,449 | 5,291     | -----             | -----     | 5,184     | 20,612    | -----   | 150,189   |  |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 382,842   | 32,456  | 730       | -----             | 1,180     | 5,273     | 169,697   | -----   | 173,506   |  |  |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 131,745   | -----   | 282       | -----             | -----     | 11,386    | 1,325     | -----   | 118,752   |  |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 203,340   | -----   | -----     | -----             | -----     | 2,102     | 3,833     | -----   | 197,405   |  |  |
| 3318 FERROALLIOTS-----                   | 22,779    | -----   | -----     | -----             | -----     | 1,015     | -----     | -----   | 21,364    |  |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 38,872    | -----   | -----     | -----             | 567       | 802       | 8,228     | -----   | 39,275    |  |  |
| 3321 NONFERROUS METALS, NEC-----         | 3,965     | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 3,965     |  |  |
| 3322 COPPER ALLOYS, UNWORKED-----        | 1,620     | -----   | 5         | -----             | -----     | -----     | -----     | -----   | 1,615     |  |  |
| 3323 LEAD AND ZINC, UNWORKED-----        | 2,618     | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 2,618     |  |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----  | 1,805     | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 1,805     |  |  |
| 3411 FABRICATED METAL PRODUCTS-----      | 20,525    | -----   | 109       | -----             | -----     | -----     | 960       | -----   | 19,256    |  |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 26,696    | 380     | 4,822     | -----             | -----     | 7,152     | 8,818     | -----   | 5,524     |  |  |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 1,153     | 5       | 838       | -----             | -----     | -----     | -----     | -----   | 310       |  |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 2,882     | -----   | 2,015     | -----             | -----     | 578       | -----     | -----   | 289       |  |  |
| 3721 AIRCRAFT AND PARTS-----             | 1         | -----   | 1         | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 3731 SHIPS AND BOATS-----                | 4         | -----   | 4         | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 3791 MISC TRANSPORTATION EQUIPMENT-----  | 41        | -----   | 41        | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 3811 INSTN, TIME, PHUTO, DPT GOODS-----  | 4         | -----   | 4         | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 2,390     | -----   | 28        | -----             | -----     | 1,763     | 599       | -----   | -----     |  |  |
| 4011 IRON AND STEEL SCRAP-----           | 813,703   | -----   | 34,455    | -----             | -----     | 575,261   | 10,877    | 3,728   | 184,382   |  |  |
| 4021 NONFERROUS METAL SCRAP-----         | 302       | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 302       |  |  |
| 4024 PAPER WASTE AND SCRAP-----          | 268       | -----   | 268       | -----             | -----     | -----     | -----     | -----   | -----     |  |  |
| 4029 WASTE AND SCRAP, NEC-----           | 270,481   | -----   | -----     | -----             | 15,676    | 9,752     | 69,012    | -----   | 176,039   |  |  |
| 4111 WATER-----                          | 65,493    | -----   | -----     | -----             | -----     | 21,500    | 43,993    | -----   | -----     |  |  |
| 4112 COMMODITIES, NEC-----               | 76,065    | 37      | 372       | -----             | -----     | 2,191     | 2,009     | -----   | 71,456    |  |  |
| 4118 WATERWAY IMPROVEMENT MAT-----       | 23,058    | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 23,058    |  |  |
| 4119 EMPTY CONTAINERS-----               | 1,572     | -----   | -----     | -----             | -----     | -----     | -----     | -----   | 1,572     |  |  |

TOTAL TON-MILES, 2,090,216,552.

## Waterborne Commerce of the United States, 1987

SUMMARY OF TRAFFIC, SABINE-NECHES WATERWAY, TEX. (BEAUMONT, ORANGE, PORT ARTHUR, AND SABINE PASS HARBOR, TEX.) PG NO 081  
(SHORT TONS)

| LOCALITY  | TOTAL      | FOREIGN    |           | DOMESTIC  |           |            |           | LOCAL     | #THROUGH TRAFFIC |  |  |
|---|------------|------------|-----------|-----------|-----------|------------|-----------|-----------|------------------|--|--|
|   |            | IMPORTS    | EXPORTS   | COASTWISE |           | INTERNAL   |           |           |                  |  |  |
|   |            |            |           | RECEIPTS  | SHIPMENTS | RECEIPTS   | SHIPMENTS |           |                  |  |  |
| BEAUMONT, TEX.  | 29,758,759 | 5,577,188  | 4,375,357 | 3,745,363 | 2,931,564 | 7,757,803  | 4,994,838 | 376,646   | -----            |  |  |
| ORANGE, TEX.  | 771,673    | -----      | 21        | -----     | -----     | 703,105    | 68,547    | -----     | -----            |  |  |
| PORT ARTHUR, TEX.                                     | 20,615,945 | 9,697,167  | 3,019,388 | 866,134   | 2,082,728 | 1,460,609  | 3,456,550 | 33,369    | -----            |  |  |
| SABINE PASS HARBOR, TEX.                              | 722,151    | 5          | 3,920     | -----     | -----     | 268,120    | 429,356   | 750       | -----            |  |  |
| SABINE-NECHES WATERWAY                                | 28,475,156 | -----      | -----     | -----     | -----     | 176,460    | 5,452     | -----     | 28,293,286       |  |  |
| TOTAL   | 80,343,684 | 15,274,360 | 7,398,686 | 4,611,497 | 5,014,292 | 10,386,097 | 8,954,743 | 610,765   | 28,293,286       |  |  |
| ADJUSTMENT FOR LOCAL TRAFFIC                          | -601,961   | -----      | -----     | -----     | -----     | -601,961   | -601,961  | 601,961   | -----            |  |  |
| GRAND TOTAL ALL TRAFFIC                               | 79,741,723 | 15,274,360 | 7,398,686 | 4,611,497 | 5,014,292 | 9,784,136  | 8,352,782 | 1,012,726 | 28,293,286       |  |  |
| TOTAL TONNAGE THROUGH JETTIES<br>AT SABINE PASS, TEX. | 31,462,528 | -----      | -----     | -----     | -----     | -----      | -----     | -----     | -----            |  |  |

\* INTERNAL TRAFFIC MOVED TO AND FROM POINTS EAST OF LOUISIANA-TEXAS BOUNDARY TO POINTS WEST OF THE SABINE-NECHES &  
\*\* INTERNAL TRAFFIC MOVED BETWEEN THE SEVERAL PORTS LOCATED ON THE SABINE-NECHES WATERWAY, WHILE TREATED AS RECEIPTS AND SHIPMENTS  
AT THE SEPARATE PORTS, IS CLASSIFIED AS LOCAL IN THE CONSOLIDATED STATEMENT.

## ORANGE, TEX. (SABINE RIVER) (PART OF WATERWAY)

SECTION INCLUDED: MOUTH, NECHES RIVER TO MOUTH, SABINE RIVER, THENCE UPSTREAM TO OLD U. S. HIGHWAY 90, ABOUT 16 MILES; ADAMS BAYOU, 2.0 MILES; COW BAYOU, 7.0 MILES. CONTROLLING DEPTH: 30 FEET EXCEPT CHANNEL AROUND ORANGE HARBOR ISLAND, 25 FEET; ADAMS BAYOU, 9 FEET; COW BAYOU, 11 FEET. PROJECT DEPTHS: 30 FEET TO OLD U. S. HIGHWAY 90; 25 FEET AROUND HARBOR ISLAND; ADAMS BAYOU, 12 FEET; COW BAYOU, 13 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      |       |       | TONS    |
|-----------|---------|-----------|-------|-------|---------|
|           |         | 1978      | 1979  | 1980  |         |
| 1978----- | 513,009 | 1983----- | ----- | ----- | 399,092 |
| 1979----- | 631,694 | 1984----- | ----- | ----- | 652,688 |
| 1980----- | 567,157 | 1985----- | ----- | ----- | 648,350 |
| 1981----- | 484,902 | 1986----- | ----- | ----- | 661,570 |
| 1982----- | 279,728 | 1987----- | ----- | ----- | 771,673 |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL   | FOREIGN |          |           | DOMESTIC |  |  |
|--|---------|---------|----------|-----------|----------|--|--|
|  |         | EXPORTS | RECEIPTS | SHIPMENTS | INTERNAL |  |  |
| TOTAL-----                               | 771,673 | 21      | 703,105  | 68,547    |          |  |  |
| 1311 CRUDE PETROLEUM-----                | 11,034  | -----   | -----    | -----     | 11,034   |  |  |
| 1411 LIMESTONE-----                      | 30,449  | -----   | 30,449   | -----     | -----    |  |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 12,823  | -----   | 12,823   | -----     | -----    |  |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 2,895   | -----   | -----    | -----     | 2,895    |  |  |
| 2810 SODIUM HYDROXIDE-----               | 8,284   | -----   | -----    | -----     | 8,284    |  |  |
| 2813 ALCOHOLS-----                       | 1,343   | -----   | 1,343    | -----     | 1,343    |  |  |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 368,734 | -----   | 352,617  | 16,117    | -----    |  |  |
| 2911 GASOLINE-----                       | 4,152   | -----   | 2,595    | 1,557     | -----    |  |  |
| 2914 DISTILLATE FUEL OIL-----            | 16,914  | -----   | 6,419    | 10,495    | -----    |  |  |
| 2915 RESIDUAL FUEL OIL-----              | 99,409  | -----   | 96,097   | 3,312     | -----    |  |  |
| 2991 PETROLEUM AND COAL PROD., NEC-----  | 12,018  | -----   | -----    | 12,018    | -----    |  |  |
| 3281 BUILDING CEMENT-----                | 188,060 | -----   | 188,060  | -----     | -----    |  |  |
| 3319 IRON AND STEEL PRIMARY FORMS-----   | 4,200   | -----   | 4,200    | -----     | -----    |  |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 2,056   | -----   | 1,400    | 636       | -----    |  |  |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 6,300   | -----   | 6,300    | -----     | -----    |  |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 802     | -----   | 802      | -----     | -----    |  |  |
| 3411 FABRICATED METAL PRODUCTS-----      | 949     | -----   | -----    | 949       | -----    |  |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 21      | -----   | 21       | -----     | -----    |  |  |
| 4011 IRON AND STEEL SCRAP-----           | 1,250   | -----   | -----    | 1,250     | -----    |  |  |

## BEAUMONT, TEX. (NECHES RIVER) (PART OF WATERWAY)

SECTION INCLUDED: MOUTH TO BETHLEHEM STEEL COMPANY, ABOUT 20 MILES. CONTROLLING DEPTH: 42 FEET MOUTH TO TURNING BASINS; 40 FEET IN BEAUMONT TURNING BASINS; 37 FEET, TO BETHLEHEM STEEL COMPANY. PROJECT DEPTH: 40 FEET TO BEAUMONT TURNING BASINS; 34 FEET IN TURNING BASINS; 30 FEET TO BETHLEHEM STEEL SHIPYARD, MEAN LOW TIDE.

## CUMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      |       |       | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|-------|-------|------------|------------|
|           |            |            | 1983      | 1984  | 1985  |            |            |
| 1978----- | 52,770,276 | 2          | 1983----- | ----- | ----- | 36,001,675 | -----      |
| 1979----- | 51,136,896 | -----      | 1984----- | ----- | ----- | 33,004,372 | -----      |
| 1980----- | 52,260,720 | -----      | 1985----- | ----- | ----- | 26,802,008 | 36,684     |
| 1981----- | 40,358,920 | -----      | 1986----- | ----- | ----- | 27,453,660 | -----      |
| 1982----- | 33,206,791 | -----      | 1987----- | ----- | ----- | 29,758,759 | -----      |

## GALVESTON, TX, DISTRICT

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BEAUMONT, TEX. (NECHES RIVER) (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL      | FOREIGN   |           | DOMESTIC  |           |           |           | LOCAL   |  |
|---|------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|--|
|   |            | IMPORTS   | EXPORTS   | COASTWISE |           | INTERNAL  |           |         |  |
|   |            |           |           | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |         |  |
| TOTAL                                   | 29,758,759 | 5,577,186 | 4,375,357 | 3,745,363 | 2,931,566 | 7,757,803 | 4,994,830 | 370,646 |  |
| 0105 RICE-----                          | 9,644      | -----     | 9,644     | -----     | -----     | -----     | -----     | -----   |  |
| 0107 WHEAT-----                         | 3,204,577  | -----     | 3,203,030 | -----     | -----     | 1,539     | -----     | -----   |  |
| 0111 SOYBEANS-----                      | 335,471    | -----     | 330,780   | -----     | -----     | -----     | 4,663     | -----   |  |
| 0129 FIELD CROPS, NEC-----              | 18         | -----     | 18        | -----     | -----     | -----     | -----     | -----   |  |
| 0133 COFFEE-----                        | 219        | 219       | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 2,799      | -----     | 2,799     | -----     | -----     | -----     | -----     | -----   |  |
| 0142 SHELLFISH, EXCEPT PREPARED-----    | 1          | 1         | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 89,710     | -----     | -----     | -----     | -----     | 89,710    | -----     | -----   |  |
| 1011 IRON ORE AND CONCENTRATES-----     | 1,315      | -----     | -----     | -----     | -----     | 1,315     | -----     | -----   |  |
| 1511 CRUDE PETROLEUM-----               | 15,105,970 | 5,212,722 | -----     | 3,570,891 | 255,685   | 5,922,168 | 90,095    | 54,389  |  |
| 1411 LIMESTONE-----                     | 26,470     | 2,908     | -----     | -----     | -----     | 23,562    | -----     | -----   |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 208,638    | -----     | -----     | -----     | -----     | 208,456   | 4,184     | -----   |  |
| 1451 CLAY-----                          | 7,073      | -----     | 3,110     | -----     | -----     | 3,963     | -----     | -----   |  |
| 1493 SULPHUR, LIQUID-----               | 371,432    | -----     | -----     | -----     | 365,671   | 5,761     | -----     | -----   |  |
| 2015 ANIMAL BY-PRODUCTS, NEC-----       | 61         | -----     | 61        | -----     | -----     | -----     | -----     | -----   |  |
| 2022 DRIED MILK AND CREAM-----          | 1,177      | -----     | 1,177     | -----     | -----     | -----     | -----     | -----   |  |
| 2041 ANEAT FLOUR AND SEMOLINA-----      | 461,658    | -----     | 461,658   | -----     | -----     | -----     | -----     | -----   |  |
| 2042 ANIMAL FEEDS-----                  | 10,454     | 7,675     | -----     | -----     | -----     | 1,479     | 1,300     | -----   |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 11,396     | -----     | 7,953     | -----     | -----     | -----     | 3,445     | -----   |  |
| 2062 MOLASSES-----                      | 2,904      | -----     | -----     | -----     | -----     | 2,904     | -----     | -----   |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 27,223     | -----     | 25,173    | -----     | -----     | -----     | 2,050     | -----   |  |
| 2211 BASIC TEXTILE PRODUCTS-----        | 6          | -----     | 6         | -----     | -----     | -----     | -----     | -----   |  |
| 2411 LUGGAGE-----                       | 243        | -----     | 243       | -----     | -----     | -----     | -----     | -----   |  |
| 2421 LUMBER-----                        | 22,967     | 21,024    | 1,943     | -----     | -----     | -----     | -----     | -----   |  |
| 2431 VENEER, PLYWOOD, WURKED WOOD-----  | 31,818     | 947       | 31,371    | -----     | -----     | -----     | -----     | -----   |  |
| 2631 PAPER AND PAPERBOARD-----          | 8,900      | 3,434     | 5,466     | -----     | -----     | -----     | -----     | -----   |  |
| 2810 SODIUM HYDROXIDE-----              | 42,648     | -----     | -----     | -----     | -----     | 40,394    | 2,254     | -----   |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 130,360    | -----     | 13,313    | -----     | -----     | 4,987     | 102,337   | 9,523   |  |
| 2813 ALCOHOLS-----                      | 870,591    | -----     | 21,190    | -----     | 169,669   | 77,170    | 580,940   | 21,622  |  |
| 2817 BENZENE AND TOLUENE-----           | 1,029,343  | -----     | 60,292    | -----     | 45,281    | 317,779   | 574,904   | 31,087  |  |
| 2818 SULPHURIC ACID-----                | 152,708    | -----     | -----     | -----     | -----     | 70,965    | 70,543    | 11,200  |  |
| 2819 BASIC CHEMICALS AND PHOD, NEC----- | 801,958    | 152,676   | 27,669    | -----     | 10,880    | 226,324   | 383,373   | 1,036   |  |
| 2841 SOAP-----                          | 533        | -----     | 533       | -----     | -----     | -----     | -----     | -----   |  |
| 2861 GUM AND MUDD CHEMICALS-----        | 13         | -----     | 13        | -----     | -----     | -----     | -----     | -----   |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 29,526     | -----     | 29,526    | -----     | -----     | -----     | -----     | -----   |  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 10,302     | -----     | -----     | 14,302    | -----     | -----     | -----     | -----   |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 113,342    | 6,256     | 134       | -----     | 105,116   | -----     | 3,834     | -----   |  |
| 2911 GASOLINE-----                      | 2,260,288  | 16,705    | 7,630     | -----     | 751,891   | 1,027,461 | 444,840   | 16,561  |  |
| 2912 JET FUEL-----                      | 189,477    | -----     | -----     | 10,250    | 23,083    | 16,253    | 139,891   | -----   |  |
| 2913 KEROSENE-----                      | 3,564      | -----     | -----     | -----     | -----     | -----     | 3,564     | -----   |  |
| 2915 DISTILLATE FUEL OIL-----           | 1,529,625  | 15,169    | 36,189    | 10,523    | 712,455   | 202,628   | 479,953   | 72,708  |  |
| 2915 RESIDUAL FUEL OIL-----             | 1,632,529  | -----     | -----     | -----     | 71,293    | 514,042   | 1,019,558 | 27,636  |  |
| 2916 LUBRICATING OILS AND GREASES-----  | 638,103    | 12,973    | 70,741    | 139,397   | 74,821    | 67,339    | 270,422   | 2,410   |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 1,060,582  | 126,200   | -----     | -----     | 260,628   | 290,950   | 256,330   | 120,474 |  |
| 2918 COKE, PETROLEUM COKE-----          | 176,962    | -----     | -----     | -----     | 58,856    | -----     | 118,106   | -----   |  |
| 2920 ASPHALT, TAR, AND PITCHES-----     | 12,661     | -----     | 9,920     | -----     | -----     | -----     | 2,755     | -----   |  |
| 2921 LIQUEFIED GASES-----               | 14,099     | -----     | 144       | -----     | -----     | -----     | 12,592    | 1,363   |  |
| 2991 PETROLEUM AND COAL PHOD, NEC-----  | 204,535    | -----     | -----     | -----     | 10,957    | 26,718    | 166,860   | -----   |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 465        | -----     | 465       | -----     | -----     | -----     | -----     | -----   |  |
| 3291 MISC NONMETALLIC MINERAL PHOD----- | 96         | -----     | 96        | -----     | -----     | -----     | -----     | -----   |  |
| 3311 PIG IRON-----                      | 5,600      | -----     | -----     | -----     | -----     | 5,600     | -----     | -----   |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 27,309     | 422       | 5,291     | -----     | -----     | 984       | 20,612    | -----   |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 173,664    | -----     | 730       | -----     | -----     | 3,873     | 169,061   | -----   |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 5,311      | -----     | -----     | -----     | -----     | 3,986     | 1,325     | -----   |  |
| 3318 FERROALLOYS-----                   | 1,415      | -----     | -----     | -----     | -----     | 1,415     | -----     | -----   |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 6,625      | -----     | -----     | -----     | -----     | -----     | 6,625     | -----   |  |
| 3322 COPPER ALLOYS, UNWORKED-----       | 5          | -----     | 5         | -----     | -----     | -----     | -----     | -----   |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 75         | -----     | 75        | -----     | -----     | -----     | -----     | -----   |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 5,651      | 354       | 3,833     | -----     | -----     | 1,464     | -----     | -----   |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 762        | 1         | 761       | -----     | -----     | -----     | -----     | -----   |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 2,581      | -----     | 2,003     | -----     | -----     | 578       | -----     | -----   |  |
| 3721 AIRCRAFT AND PARTS-----            | 1          | -----     | 1         | -----     | -----     | -----     | -----     | -----   |  |
| 3731 SHIPS AND BOATS-----               | 3          | -----     | 3         | -----     | -----     | -----     | -----     | -----   |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 36         | -----     | 36        | -----     | -----     | -----     | -----     | -----   |  |
| 3811 INSTR, TIME, PHOT, JPT GOODS-----  | 4          | -----     | 4         | -----     | -----     | -----     | -----     | -----   |  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 1          | -----     | 1         | -----     | -----     | -----     | -----     | -----   |  |
| 4011 IRON AND STEEL SCRAP-----          | 586,075    | -----     | -----     | -----     | -----     | 578,989   | 7,086     | -----   |  |
| 4020 PAPER WASTE AND SCRAP-----         | 247        | -----     | 247       | -----     | -----     | -----     | -----     | -----   |  |
| 4029 WASTE AND SCRAP, NEC-----          | 88,862     | -----     | -----     | -----     | 15,678    | 9,752     | 63,432    | -----   |  |
| 4112 COMMODITIES, NEC-----              | 58         | -----     | 58        | -----     | -----     | -----     | -----     | -----   |  |

PORT ARTHUR, TEX. (PART OF WATERWAY)

SECTION INCLUDED: SABINE PASS HARBOR, TEX., TO NECHES RIVER, ABOUT 20 MILES. CONTROLLING DEPTH: 39 &amp; 43 FEET. PROJECT DEPTH: 40 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS  | PASSENGERS |
|-----------|------------|------------|-----------|-------|------------|
| 1978----- | 33,470,523 | -----      | 1983----- | ----- | 16,338,237 |
| 1979----- | 52,773,346 | -----      | 1984----- | ----- | 16,430,368 |
| 1980----- | 23,798,633 | -----      | 1985----- | ----- | 15,754,931 |
| 1981----- | 26,037,529 | -----      | 1986----- | ----- | 16,879,546 |
| 1982----- | 19,945,958 | 1987-----  | -----     | ----- | 20,615,945 |

## Waterborne Commerce of the United States, 1987

PORT ARTHUR, TEX. (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL      | FOREIGN   |           | DOMESTIC |           |           |           | LOCAL  |  |
|---|------------|-----------|-----------|----------|-----------|-----------|-----------|--------|--|
|   |            | COASTWISE |           | INTERNAL |           | RECEIPTS  | SHIPMENTS |        |  |
|   |            | IMPORTS   | EXPORTS   | RECEIPTS | SHIPMENTS |           |           |        |  |
| TOTAL-----                              | 20,615,945 | 9,697,167 | 3,019,388 | 866,134  | 2,082,728 | 1,460,609 | 3,456,550 | 33,369 |  |
| 0103 CORN-----                          | 902        | -----     | 902       | -----    | -----     | -----     | -----     | -----  |  |
| 0105 RICE-----                          | 36,830     | -----     | 36,830    | -----    | -----     | -----     | -----     | -----  |  |
| 0106 SORGHUM GRAINS-----                | 2,623      | -----     | 23        | -----    | -----     | -----     | 2,800     | -----  |  |
| 0107 WHEAT-----                         | 101,235    | -----     | 101,235   | -----    | -----     | -----     | -----     | -----  |  |
| 0111 SOYBEANS-----                      | 8,726      | -----     | 8,726     | -----    | -----     | -----     | -----     | -----  |  |
| 0133 COFFEE-----                        | 195        | 195       | 195       | -----    | -----     | -----     | -----     | -----  |  |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 1,145      | -----     | 1,145     | -----    | -----     | -----     | -----     | -----  |  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 2,250      | -----     | -----     | -----    | -----     | 2,250     | -----     | -----  |  |
| 1311 CRUDE PETROLEUM-----               | 8,199,174  | 7,906,033 | -----     | 134,250  | -----     | 156,874   | 2,017     | -----  |  |
| 1411 LIMESTONE-----                     | 50,190     | -----     | -----     | -----    | -----     | 50,190    | -----     | -----  |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 4,885      | -----     | -----     | -----    | -----     | 4,885     | -----     | -----  |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----      | 73,587     | -----     | 73,587    | -----    | -----     | -----     | -----     | -----  |  |
| 2042 ANIMAL FEEDS-----                  | 132,623    | 35,491    | 75,446    | -----    | -----     | 9,782     | 11,800    | -----  |  |
| 2049 GRAINY MILL PRODUCTS, NEC-----     | 8,903      | -----     | 8,903     | -----    | -----     | -----     | -----     | -----  |  |
| 2081 ALCOHOLIC BEVERAGES-----           | 10         | 10        | 10        | -----    | -----     | -----     | -----     | -----  |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 14,782     | -----     | 10,746    | -----    | -----     | 4,036     | -----     | -----  |  |
| 2211 BASIC TEXTILE PRODUCTS-----        | 26         | 26        | 26        | -----    | -----     | -----     | -----     | -----  |  |
| 2411 LOGS-----                          | 67         | -----     | 67        | -----    | -----     | -----     | -----     | -----  |  |
| 2414 TIMBER, POSTS, POLES, PILING-----  | 2          | -----     | 2         | -----    | -----     | 2         | -----     | -----  |  |
| 2421 LUMBER-----                        | 8,481      | -----     | 6,723     | -----    | 1,758     | -----     | -----     | -----  |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 65,900     | -----     | 63,224    | -----    | 2,427     | -----     | 289       | -----  |  |
| 2491 WOOD MANUFACTURES, NEC-----        | 14,360     | -----     | 14,360    | -----    | -----     | -----     | -----     | -----  |  |
| 2511 FURNITURE AND FIXTURES-----        | 1          | -----     | 1         | -----    | -----     | -----     | -----     | -----  |  |
| 2611 PULP-----                          | 112        | -----     | 112       | -----    | -----     | -----     | -----     | -----  |  |
| 2621 STANDARD NEWSPRINT PAPER-----      | 3,129      | 1,492     | 1,637     | -----    | -----     | -----     | -----     | -----  |  |
| 2631 PAPER AND PAPERBOARD-----          | 136,423    | 26,404    | 112,019   | -----    | -----     | -----     | -----     | -----  |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 80         | -----     | 80        | -----    | -----     | -----     | -----     | -----  |  |
| 2810 SODIUM HYDROXIDE-----              | 27,008     | -----     | -----     | -----    | -----     | 25,534    | 1,474     | -----  |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 47,726     | 2,091     | 26,859    | -----    | -----     | 8,132     | 8,684     | -----  |  |
| 2813 ALCOHOLS-----                      | 27,323     | -----     | 15,769    | 4,530    | -----     | 1,382     | 5,682     | -----  |  |
| 2817 BENZENE AND TOLUENE-----           | 367,726    | 3,472     | 12,364    | 17,711   | -----     | 99,625    | 221,950   | 12,604 |  |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 1,499,884  | 399,548   | 579,288   | 166,977  | 4,397     | 2,867     | 346,767   | -----  |  |
| 2821 PLASTIC MATERIALS-----             | 3,339      | -----     | 3,339     | -----    | -----     | -----     | -----     | -----  |  |
| 2831 DRUGS-----                         | 15         | -----     | 15        | -----    | -----     | -----     | -----     | -----  |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 1,563      | -----     | 1,563     | -----    | -----     | -----     | -----     | -----  |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 7,920      | -----     | 7,920     | -----    | -----     | -----     | -----     | -----  |  |
| 2911 GASOLINE-----                      | 1,712,499  | -----     | 29,229    | 167,904  | 1,027,718 | 190,051   | 279,852   | 16,965 |  |
| 2912 JT FUEL-----                       | 276,223    | -----     | 63,751    | -----    | 132,181   | -----     | 80,291    | -----  |  |
| 2913 KEROSENE-----                      | 59,730     | -----     | -----     | -----    | -----     | -----     | 56,605    | 3,125  |  |
| 2914 DISTILLATE FUEL OIL-----           | 934,891    | 46,772    | 119,450   | 79,934   | 314,377   | 200,227   | 173,456   | 675    |  |
| 2915 RESIDUAL FUEL OIL-----             | 2,894,904  | 277,251   | 353,421   | 294,828  | 141,340   | 473,724   | 1,354,340 | -----  |  |
| 2916 LUBRICATING OILS AND GREASES-----  | 994,927    | -----     | 247,781   | -----    | 448,794   | 31,289    | 267,063   | -----  |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 950,118    | 738,337   | -----     | -----    | -----     | 71,168    | 140,611   | -----  |  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 55,293     | -----     | 815       | -----    | -----     | -----     | 32,478    | -----  |  |
| 2920 COKE, PETROLEUM COKE-----          | 1,301,946  | -----     | 996,321   | -----    | -----     | 109,698   | 195,927   | -----  |  |
| 2921 LIQUEFIED GASES-----               | 2,001      | -----     | 2,001     | -----    | -----     | -----     | -----     | -----  |  |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 283,645    | -----     | -----     | -----    | 6,650     | 15,487    | 261,508   | -----  |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 1          | -----     | 1         | -----    | -----     | -----     | -----     | -----  |  |
| 3241 BUILDING CEMENT-----               | 1,337      | -----     | 1,337     | -----    | -----     | -----     | -----     | -----  |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 844        | -----     | 844       | -----    | -----     | -----     | -----     | -----  |  |
| 3310 IRON AND STEEL PRIMARY FORGS-----  | 227,027    | 227,027   | -----     | -----    | -----     | -----     | -----     | -----  |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 33,636     | 32,456    | -----     | -----    | 1,180     | -----     | -----     | -----  |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 1,100      | -----     | -----     | -----    | -----     | 1,100     | -----     | -----  |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 2,170      | -----     | -----     | -----    | 567       | -----     | 1,603     | -----  |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 25         | -----     | 25        | -----    | -----     | -----     | -----     | -----  |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 987        | 26        | 961       | -----    | -----     | -----     | -----     | -----  |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 81         | 4         | 77        | -----    | -----     | -----     | -----     | -----  |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 12         | -----     | 12        | -----    | -----     | -----     | -----     | -----  |  |
| 3731 SHIPS AND BOATS-----               | 1          | -----     | 1         | -----    | -----     | -----     | -----     | -----  |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 5          | -----     | 5         | -----    | -----     | -----     | -----     | -----  |  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 1,527      | -----     | 27        | -----    | -----     | 1,500     | -----     | -----  |  |
| 4011 IRON AND STEEL SCRAP-----          | 45,724     | -----     | 39,455    | -----    | -----     | -----     | 6,269     | -----  |  |
| 4024 PAPER WASTE AND SCRAP-----         | 21         | -----     | 21        | -----    | -----     | -----     | -----     | -----  |  |
| 4029 WASTE AND SCRAP, NEC-----          | 5,580      | -----     | -----     | -----    | -----     | -----     | 5,580     | -----  |  |
| 4112 COMMODITIES, NEC-----              | 339        | 32        | 307       | -----    | -----     | -----     | -----     | -----  |  |

SABINE PASS HARBOR, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO UPPER END OF SABINE PASS, ABOUT 2M.4 MILES. CONTROLLING: 38 FEET, PROJECT DEPTH: 40-42, FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS    |
|-----------|-----------|-----------|---------|
| 1978----- | 531,491   | 1983----- | 605,108 |
| 1979----- | 567,813   | 1984----- | 605,050 |
| 1980----- | 949,404   | 1985----- | 547,160 |
| 1981----- | 1,063,238 | 1986----- | 385,202 |
| 1982----- | 1,104,632 | 1987----- | 722,151 |

## GALVESTON, TX, DISTRICT

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SABINE PASS HARBOR, TEX. (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL   | FOREIGN |         | DOMESTIC |           | LOCAL |  |
|--|---------|---------|---------|----------|-----------|-------|--|
|  |         | IMPORTS | EXPORTS | INTERNAL |           |       |  |
|  |         |         |         | RECEIPTS | SHIPMENTS |       |  |
| TOTAL-----                               | 722,151 | 5       | 3,920   | 288,120  | 429,356   | 750   |  |
| 0105 RICE-----                           | 40      | -----   | 40      | -----    | -----     | ----- |  |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 19      | -----   | 19      | -----    | -----     | ----- |  |
| 1311 CRUDE PETROLEUM-----                | 551,693 | -----   | -----   | 220,539  | 331,154   | ----- |  |
| 1492 SAND, GRAVEL, CRUSHED ROCK-----     | 316     | -----   | -----   | 133      | 183       | ----- |  |
| 1495 CLAY-----                           | 16,832  | -----   | -----   | 7,598    | 9,234     | ----- |  |
| 1499 SULPHUR, LIQUID-----                | 200     | -----   | -----   | -----    | 200       | ----- |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 3,353   | -----   | -----   | 2,042    | 1,311     | ----- |  |
| 2092 LUMBER-----                         | 1,378   | -----   | 1,378   | -----    | -----     | ----- |  |
| 2611 PULP-----                           | 21      | -----   | 21      | -----    | -----     | ----- |  |
| 2631 PAPER AND PAPERBOARD-----           | 63      | -----   | 63      | -----    | -----     | ----- |  |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 896     | -----   | 896     | -----    | -----     | ----- |  |
| 2841 SOAP-----                           | 15,005  | -----   | 1,157   | 10,796   | 6,052     | ----- |  |
| 2912 JET FUEL-----                       | 1       | -----   | 1       | -----    | -----     | ----- |  |
| 2916 DISTILLATE FUEL OIL-----            | 142     | -----   | -----   | -----    | 142       | ----- |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 32,743  | -----   | -----   | 13,819   | 18,174    | 750   |  |
| 3111 LEATHER AND LEATHER PRODUCTS-----   | 3       | -----   | 3       | -----    | -----     | ----- |  |
| 3241 BUILDING CEMENT-----                | 19      | -----   | 19      | -----    | -----     | ----- |  |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 5,092   | -----   | -----   | 1,649    | 3,643     | ----- |  |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 18      | -----   | 18      | -----    | -----     | ----- |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 282     | -----   | 282     | -----    | -----     | ----- |  |
| 3411 FABRICATED METAL PRODUCTS-----      | 5,935   | -----   | -----   | 2,102    | 3,833     | ----- |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 20      | -----   | 9       | -----    | 11        | ----- |  |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 14,513  | -----   | 7       | 5,688    | 8,818     | ----- |  |
| 4111 WATER-----                          | 862     | -----   | -----   | 263      | 599       | ----- |  |
| 4112 COMMODITIES, NEC-----               | 65,493  | -----   | 7       | 21,500   | 43,993    | ----- |  |
|  | 4,212   | 5       | 7       | 2,191    | 2,009     | ----- |  |

HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)

SECTION INCLUDED: GALVESTON HARBOR, TEX., TO HOUSTON TURNING BASIN, 52 MILES; LIGHT DRAFT EXTENSION, 5.2 MILES; TURKEY BEND CHANNEL, 0.8 MILES; GOOSE CREEK, 3.3 MILES; BARBOUR TERMINAL CHANNEL, 1.6 MILES; FIVE MILE CUT CHANNEL, 1.9 MILES; BAYPORT CHANNEL, 4.7 MILES AND GREENS BAYOU, 1.3 MILES. CONTROLLING DEPTHS: 30 FEET TO SOUTHERN PACIFIC SLIPS 37 FEET THROUGH TURNING BASIN; LIGHT DRAFT EXTENSION, 6.0 FEET; TURKEY BEND CHANNEL, 8 FEET; BARBOUR TERMINAL CHANNEL PRIVATELY MAINTAINED, 42 FEET; FIVE MILE CUT, 10 FEET; AND GREENS BAYOU, 38 FEET TO MILE 0.34 AND 17 FEET TO MILE 1.6. PROJECT DEPTH: 40 FEET TO SOUTHERN PACIFIC SLIPS 36 FEET THROUGH TURNING BASIN; 10 FEET IN EXTENSION AND BRANCHES 16 FEET IN BARBOUR TERMINAL CHANNEL; 8 FEET IN FIVE MILE CUT CHANNELS; 30 FEET IN GOOSE CREEK AND BAYPORT CHANNELS; 36 FEET TO MILE 0.37 AND 15 FEET TO MILE 1.65 IN GREEN BAYOU, MEAN LOW TIDE.

## CUMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS        | PASSENGERS | YEAR      | TONS        | PASSENGERS |
|-----------|-------------|------------|-----------|-------------|------------|
| 1978----- | 111,936,099 | 305        | 1983----- | 86,706,519  | -----      |
| 1979----- | 117,550,908 | -----      | 1984----- | 96,777,619  | -----      |
| 1980----- | 108,917,268 | -----      | 1985----- | 90,669,169  | -----      |
| 1981----- | 100,966,741 | -----      | 1986----- | 101,659,064 | 330        |
| 1982----- | 93,649,549  | -----      | 1987----- | 112,586,187 | -----      |

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL       | FOREIGN    |            | COASTWISE |           | DOMESTIC   |            | LOCAL     |  |
|---|-------------|------------|------------|-----------|-----------|------------|------------|-----------|--|
|   |             | IMPORTS    | EXPORTS    | RECEIPTS  | SHIPMENTS | INTERNAL   |            |           |  |
|   |             |            |            |           |           | RECEIPTS   | SHIPMENTS  |           |  |
| TOTAL-----                              | 112,546,187 | 34,557,913 | 22,985,952 | 5,389,147 | 7,346,647 | 17,493,969 | 14,880,321 | 9,932,298 |  |
| 0101 COTTON, RAW-----                   | 186,763     | -----      | 186,763    | -----     | -----     | -----      | -----      | -----     |  |
| 0102 BARLEY AND RYE-----                | 28,615      | -----      | 28,615     | -----     | -----     | -----      | -----      | -----     |  |
| 0103 CORN-----                          | 264,697     | -----      | 285,303    | 20        | -----     | 1,374      | -----      | -----     |  |
| 0104 OATS-----                          | 56,344      | -----      | 123        | -----     | -----     | 56,221     | -----      | -----     |  |
| 0105 RICE-----                          | 806,498     | 1,287      | 698,979    | -----     | -----     | 108,772    | 1,500      | -----     |  |
| 0106 SORGHUM GRAINS-----                | 1,346,336   | -----      | 1,346,336  | -----     | -----     | -----      | -----      | -----     |  |
| 0107 WHEAT-----                         | 7,002,246   | -----      | 6,936,009  | -----     | 11,000    | 29,975     | 25,262     | 2,732     |  |
| 0111 SOYBEANS, NEC-----                 | 8,639       | -----      | 5,907      | -----     | -----     | -----      | -----      | -----     |  |
| 0119 OILSEEDS, NEC-----                 | 23,141      | 1,919      | 21,222     | -----     | -----     | -----      | -----      | -----     |  |
| 0121 TOBACCO, LEAF-----                 | 448         | 77         | 126        | 229       | 16        | -----      | -----      | -----     |  |
| 0122 HAY AND FORAGE-----                | 54          | -----      | 54         | -----     | -----     | -----      | -----      | -----     |  |
| 0129 FIELD CROPS, NEC-----              | 4,771       | 1,119      | 3,628      | 24        | -----     | -----      | -----      | -----     |  |
| 0131 FRESH FRUITS-----                  | 24,028      | 171        | 24,364     | 270       | 23        | -----      | -----      | -----     |  |
| 0132 BANANAS AND PLANTAINS-----         | 4,838       | 6,838      | -----      | -----     | -----     | -----      | -----      | -----     |  |
| 0133 COFFEE-----                        | 97,704      | 85,174     | 7,840      | 1,764     | -----     | -----      | -----      | -----     |  |
| 0134 COCONUT BEANS-----                 | 362         | -----      | 302        | -----     | -----     | -----      | -----      | -----     |  |
| 0161 FRESH AND FROZEN VEGETABLES-----   | 39,466      | 1,003      | 37,624     | 839       | -----     | -----      | -----      | -----     |  |
| 0151 LIVE ANIMALS-----                  | 50          | -----      | 31         | 19        | -----     | -----      | -----      | -----     |  |
| 0161 ANIMALS AND PRODUCTS, NEC-----     | 27,071      | 7,561      | 19,687     | 223       | -----     | -----      | -----      | -----     |  |
| 0191 VARIOUS FARM PRODUCTS-----         | 2,480       | 972        | 360        | 1,148     | -----     | -----      | -----      | -----     |  |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----  | 32,938      | 32,895     | 43         | -----     | -----     | -----      | -----      | -----     |  |
| 0861 FOREST PRODUCTS, NEC-----          | 17,445      | 10,226     | 5,981      | 238       | -----     | -----      | -----      | -----     |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 4,421       | 595        | 1,062      | 2,764     | -----     | -----      | -----      | -----     |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 2,617       | 505        | 2,272      | -----     | -----     | -----      | -----      | -----     |  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 98,676      | 30         | 24         | -----     | 98,822    | -----      | -----      | -----     |  |
| 1011 IRON ORE AND CONCENTRATES-----     | 2,966       | 14         | 76         | -----     | 2,876     | -----      | -----      | -----     |  |
| 1021 COPPER ORE AND CONCENTRATES-----   | 25          | -----      | 25         | -----     | -----     | -----      | -----      | -----     |  |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 113,495     | 110,355    | 1,410      | -----     | -----     | 1,730      | -----      | -----     |  |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 16,043      | -----      | 198        | -----     | 12,196    | 3,689      | -----      | -----     |  |

## Waterborne Commerce of the United States, 1987

HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL      | FOREIGN    |           | DOMESTIC  |           | LOCAL     |  |
|--|------------|------------|-----------|-----------|-----------|-----------|--|
|  |            | IMPORTS    | EXPORTS   | COASTWISE |           |           |  |
|  |            |            |           | RECEIPTS  | SHIPMENTS |           |  |
| 1091 NUNFERROUS ORES, CONCENT., NEC----- | 35,031     | 9,995      | 19,873    | -----     | 3,573     | 1,590     |  |
| 1121 COAL AND LIGNITE-----               | 39,343     | -----      | 715       | -----     | 31,303    | 7,325     |  |
| 1311 CRUDE PETROLEUM-----                | 24,043,249 | 19,592,736 | -----     | 3,357,210 | 47,380    | 1,190,684 |  |
| 1411 LIMESTONE-----                      | 86,604     | -----      | -----     | -----     | 10,505    | 76,099    |  |
| 1412 BUILDING STONE, UNWORKED-----       | 2,519      | -----      | 2,517     | 2         | -----     | -----     |  |
| 1482 SAND, GRAVEL, CRUSHED ROCK-----     | 1,042,837  | 302,620    | 27,878    | 84        | 279,628   | 14,383    |  |
| 1451 CLAY-----                           | 116,214    | 65,551     | 49,446    | 937       | 100       | 155       |  |
| 1471 PHOSPHATE ROCK-----                 | 793,263    | -----      | 1,000     | 792,283   | -----     | -----     |  |
| 1492 SULPHUR, DRY-----                   | 51,778     | -----      | 51,778    | -----     | -----     | -----     |  |
| 1493 SULPHUR, LIQUID-----                | 249,636    | -----      | -----     | -----     | 20,721    | 184,332   |  |
| 1494 GYPSUM, CRUDE AND PLASTERS-----     | 65,004     | 58,365     | 3,777     | -----     | 24        | 2,838     |  |
| 1499 NONMETALLIC MINERALS, NEC-----      | 97,601     | 54,613     | 38,284    | 167       | -----     | 1,539     |  |
| 1911 ORDNANCE AND ACCESSORIES-----       | 1,392      | 1,001      | 131       | 260       | -----     | -----     |  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----   | 49,529     | 13,543     | 22,349    | 13,551    | 86        | -----     |  |
| 2012 MEAT AND PRODUCTS, NEC-----         | 36,578     | 23,165     | 157       | 13,256    | -----     | -----     |  |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 411,951    | -----      | 409,035   | 12        | -----     | 2,904     |  |
| 2015 ANIMAL BY-PRODUCTS, VEC-----        | 35,405     | 1,487      | 33,854    | 64        | -----     | -----     |  |
| 2021 DAIRY PRODUCTS, NEC-----            | 2,066      | 1,800      | 28        | 236       | -----     | -----     |  |
| 2022 DRIED MILK AND CREAM-----           | 85,238     | 1,645      | 83,554    | 39        | -----     | -----     |  |
| 2031 FISH AND SHELLFISH, PREPARED-----   | 16,133     | 5,436      | 274       | 12,423    | -----     | -----     |  |
| 2034 VEGETABLES AND PREP., NEC-----      | 51,396     | 23,237     | 6,574     | 3,556     | 29        | -----     |  |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----  | 30,833     | 15,808     | 13,471    | 1,554     | -----     | -----     |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 125,573    | -----      | 125,568   | 5         | -----     | -----     |  |
| 2042 ANIMAL FEEDS-----                   | 94,074     | 247        | 22,677    | 23,348    | 28,121    | 12,456    |  |
| 2049 CHAIN MILL PRODUCTS, NEC-----       | 37,013     | 7,103      | 20,676    | 3,063     | 11        | 6,160     |  |
| 2061 SUGAR-----                          | 9,861      | 9,861      | -----     | -----     | -----     | -----     |  |
| 2062 MOLASSES-----                       | 231,175    | 172,571    | -----     | -----     | 57,280    | 1,364     |  |
| 2081 ALCOHOLIC BEVERAGES-----            | 122,613    | 101,697    | 6,550     | 14,366    | -----     | -----     |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 246,212    | 112,150    | 129,370   | 1,708     | 93        | 1,660     |  |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 105        | 68         | 57        | -----     | -----     | -----     |  |
| 2094 GROCERIES-----                      | 14         | -----      | -----     | 14        | -----     | -----     |  |
| 2095 ICE-----                            | 16,735     | 16,735     | -----     | -----     | -----     | -----     |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 166,370    | 30,570     | 117,663   | 10,873    | 392       | 6,872     |  |
| 2111 TOBACCO MANUFACTURES-----           | 428        | 127        | 300       | 1         | -----     | -----     |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 59,399     | 26,364     | 32,327    | 708       | -----     | -----     |  |
| 2212 TEXTILE FIBERS, NEC-----            | 19,202     | 1,165      | 11,340    | 13        | 6,534     | 150       |  |
| 2311 APPAREL-----                        | 26,195     | 3,571      | 1,207     | 21,070    | 347       | -----     |  |
| 2411 LOGS-----                           | 403        | -----      | 311       | 92        | -----     | -----     |  |
| 2413 FUEL WOOD, CHARCOAL, WASTES-----    | 4,395      | 4,201      | 192       | -----     | -----     | -----     |  |
| 2414 TIMBER, POLES, POLES, PILING-----   | 2,959      | 127        | 2,812     | -----     | 20        | -----     |  |
| 2416 WOOD CHIPS, STAVES, MOLDINGS-----   | 173        | 5          | 119       | 49        | -----     | -----     |  |
| 2421 LUMBER-----                         | 19,972     | 13,802     | 4,993     | 754       | 383       | -----     |  |
| 2431 VENEER, PLYWOOD, WURNED WOOD-----   | 90,641     | 27,572     | 57,889    | 83        | 179       | 4,918     |  |
| 2491 WOOD MANUFACTURES, NEC-----         | 18,523     | 5,767      | 12,295    | 230       | 226       | 5         |  |
| 2511 FURNITURE AND FIXTURES-----         | 24,656     | 21,140     | 1,251     | 2,265     | -----     | -----     |  |
| 2611 PULP-----                           | 4,771      | -----      | 4,442     | 329       | -----     | -----     |  |
| 2621 STANDARD NEWSPRINT PAPER-----       | 116,526    | 93,017     | 10,709    | -----     | 12,800    | -----     |  |
| 2631 PAPER AND PAPERBOARD-----           | 253,990    | 158,125    | 52,464    | 16,498    | 57        | 1,228     |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 34,181     | 2,882      | 5,756     | 25,583    | -----     | -----     |  |
| 2711 PRINTED MATTER-----                 | 2,590      | 1,602      | 751       | 637       | -----     | -----     |  |
| 2810 SODIUM HYDROXIDE-----               | 746,527    | -----      | -----     | 20        | 210,367   | 280,205   |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 629,900    | 176,312    | 98,316    | 22        | 10,115    | 127,671   |  |
| 2812 DYES, PIGMENT, TANNING MATS-----    | 215        | -----      | 207       | 6         | -----     | -----     |  |
| 2813 ALCOMHOLS-----                      | 3,411,258  | 428,950    | 547,893   | 1,419     | 226,859   | 900,792   |  |
| 2816 RADIOACTIVE MATERIALS, WASTES-----  | 1,367      | 70         | 1,113     | 180       | -----     | -----     |  |
| 2817 BENZENE AND TOLUENE-----            | 3,769,726  | 367,900    | 320,576   | 70,320    | 19,432    | 1,183,862 |  |
| 2818 SULPHURIC ACID-----                 | 704,168    | -----      | -----     | 272       | -----     | 36,113    |  |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 10,659,941 | 4,424,609  | 3,599,708 | 275,252   | 546,744   | 1,800,646 |  |
| 2821 PLASTIC MATERIALS-----              | 1,138,280  | 43,773     | 1,090,545 | 1,447     | 935       | 1,080     |  |
| 2822 SYNTHETIC RUBBER-----               | 114,341    | 62         | 106,975   | 2,688     | -----     | 4,596     |  |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----    | 3,036      | 877        | 2,156     | 3         | -----     | -----     |  |
| 2831 DRUGS-----                          | 7,278      | 4,398      | 2,526     | 354       | -----     | -----     |  |
| 2841 SOAP-----                           | 39,421     | 9,341      | 26,989    | 276       | -----     | 2,815     |  |
| 2851 PAINTS-----                         | 35,008     | 29,928     | 6,280     | 800       | -----     | -----     |  |
| 2861 GUM AND JUOD CHEMICALS-----         | 48,310     | 74         | 5,893     | 37,999    | -----     | 4,344     |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 399,608    | 15,472     | 178,195   | 21        | 161,022   | 8,898     |  |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 390,403    | 240        | 327,905   | 23        | 38,000    | 24,235    |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 42,619     | 43         | 93        | -----     | 42,683    | -----     |  |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 52,706     | 22,367     | 30,150    | 189       | -----     | -----     |  |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 230,840    | 85         | 141,967   | 44        | -----     | 62,674    |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 636,073    | 82,568     | 457,166   | 5,171     | 23,011    | 42,247    |  |
| 2911 GASOLINE-----                       | 6,752,474  | 707,496    | 532,160   | 33,974    | 1,773,912 | 1,984,556 |  |
| 2912 JET FUEL-----                       | 1,331,927  | 79,958     | 455,549   | 50,206    | 147,346   | 411,137   |  |
| 2913 KEROSENE-----                       | 103,274    | 308        | 28,974    | -----     | 10,374    | 46,857    |  |
| 2914 DISTILLATE FUEL OIL-----            | 5,139,138  | 133,445    | 510,193   | 91,632    | 1,093,774 | 1,636,967 |  |
| 2915 RESIDUAL FUEL OIL-----              | 15,955,594 | 1,489,130  | 1,348,266 | 207,645   | 2,250,902 | 4,278,740 |  |
| 2916 LUBRICATING OILS AND GREASES-----   | 2,389,881  | 99,242     | 605,027   | 141,272   | 433,831   | 148,277   |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 4,326,037  | 610,041    | 27,730    | 32,036    | 423,753   | 1,039,340 |  |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 197,076    | 4,481      | 1,921     | -----     | 21,923    | 125,240   |  |
| 2920 COKE, PETROLEUM COKE-----           | 684,819    | 16         | 530,356   | -----     | -----     | 7,893     |  |
| 2921 LIQUEFIED GASES-----                | 1,809,879  | 1,210,081  | 60,682    | -----     | 31,704    | 28,968    |  |
| 2951 ASPHALT BUILDING MATERIALS-----     | 1,499      | -----      | 1,460     | 39        | -----     | -----     |  |
| 2991 PETROLEUM AND COAL PROD., NEC-----  | 862,088    | 1,611      | 9,189     | 1,292     | -----     | 306,829   |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 99,172     | 58,603     | 29,711    | 10,854    | 8         | -----     |  |
| 3111 LEATHER AND LEATHER PRODUCTS-----   | 16,714     | 4,310      | 11,257    | 1,187     | -----     | -----     |  |
| 3211 GLASS AND GLASS PRODUCTS-----       | 54,390     | 10,773     | 41,762    | 1,829     | 6         | -----     |  |
| 3261 BUILDING CEMENT-----                | 1,080,752  | 745,349    | 1,251     | 654       | -----     | 6,150     |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 58,970     | 50,671     | 2,238     | 6,038     | 23        | -----     |  |
| 3271 LIME-----                           | 15         | -----      | 15        | -----     | -----     | -----     |  |
| 3281 CUT STONE AND STONE PRODUCTS-----   | 37,171     | 34,383     | 292       | 2,496     | -----     | -----     |  |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 64,749     | 14,681     | 28,301    | 644       | -----     | 1,083     |  |
| 3311 CAST IRON-----                      | 17,384     | -----      | -----     | 36        | -----     | 17,348    |  |
| 3312 SLAG-----                           | 3,467      | -----      | -----     | -----     | -----     | 3,467     |  |
| 3314 IRON AND STEEL PRIMARY PRODS-----   | 108,721    | 1,903      | 594       | 515       | -----     | 143,390   |  |
|  |            |            |           |           | 2,513     | -----     |  |

GALVESTON, TX, DISTRICT

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HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN   |         | DOMESTIC |           |          |           | LOCAL   |  |
|---|-----------|-----------|---------|----------|-----------|----------|-----------|---------|--|
|   |           | COASTWISE |         | INTERNAL |           |          |           |         |  |
|   |           | IMPORTS   | EXPORTS | RECEIPTS | SHIPMENTS | RECEIPTS | SHIPMENTS |         |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 1,250,877 | 1,104,278 | 6,041   | 6,114    | -----     | 131,662  | 6,902     | -----   |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 117,057   | 9,907     | 3,255   | -----    | -----     | 99,531   | 4,364     | -----   |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 739,762   | 403,483   | 63,439  | 2,715    | -----     | 183,609  | 6,516     | -----   |  |
| 3318 FERROALLOYS-----                   | 26,473    | 6,878     | 188     | 43       | -----     | 21,364   | -----     | -----   |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 62,020    | 17,507    | 5,740   | 882      | -----     | 36,631   | 1,300     | -----   |  |
| 3321 NONFERROUS METALS, NEC-----        | 32,572    | 7,577     | 28,445  | 137      | -----     | 2,415    | -----     | -----   |  |
| 3322 COPPER ALLOYS, UNWORKED-----       | 16,133    | 14,013    | 707     | 1,394    | 19        | -----    | -----     | -----   |  |
| 3323 LEAD AND ZINC, UNWORKED-----       | 6,370     | 3,765     | 1,627   | 340      | -----     | 2,818    | -----     | -----   |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 52,009    | 47,150    | 2,775   | 1,037    | -----     | 443      | -----     | -----   |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 166,226   | 131,763   | 27,195  | 9,726    | 2         | 8,018    | 10,522    | -----   |  |
| 3512 MACHINERY, EXCEPT ELECTRICAL-----  | 373,207   | 141,716   | 219,902 | 36,103   | 1,002     | 1,997    | 3,359     | -----   |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 110,232   | 35,640    | 70,990  | 3,658    | 45        | 310      | -----     | -----   |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 367,869   | 365,515   | 33,368  | 681      | -----     | 1,240    | 895       | -----   |  |
| 3721 AIRCRAFT AND PARTS-----            | 2,973     | 1,330     | 910     | 724      | -----     | -----    | -----     | -----   |  |
| 3731 SHIPS AND BOATS-----               | 3,108     | 776       | 2,390   | 24       | -----     | -----    | -----     | -----   |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 3,487     | 526       | 2,961   | -----    | -----     | -----    | -----     | -----   |  |
| 3811 INSTR, TIME, PHOTO, OPT GOODS----- | 11,650    | 2,196     | 7,940   | 3,545    | 9         | -----    | -----     | -----   |  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 20,951    | 8,900     | 8,167   | 7,904    | -----     | -----    | -----     | -----   |  |
| 4011 IRON AND STEEL SCRAP-----          | 406,813   | 80        | 192,997 | 9        | -----     | 81,032   | 190,155   | 4,600   |  |
| 4012 NONFERROUS METAL SCRAP-----        | 47,857    | 11,819    | 36,573  | 163      | -----     | -----    | 302       | -----   |  |
| 4022 TEXTILE ASST, SCRAP, SLEEP-----    | 12,660    | 30        | 11,239  | 1,305    | -----     | -----    | -----     | -----   |  |
| 4024 PAPER WASTE AND SCRAP-----         | 25,018    | -----     | 24,814  | 204      | -----     | -----    | -----     | -----   |  |
| 4029 WASTE AND SCRAP, NEC-----          | 1,056,612 | -----     | -----   | 288      | 2,844     | 225,930  | 684,839   | 143,511 |  |
| 4111 WATER-----                         | 199       | -----     | -----   | -----    | -----     | 53       | 146       | -----   |  |
| 4112 CUMMODITIES, NEC-----              | 193,198   | 44,953    | 32,090  | 54,732   | 1,667     | 9,645    | 50,111    | -----   |  |
| 4119 EMPTY CONTAINERS-----              | 1,482     | -----     | -----   | -----    | -----     | 800      | 602       | -----   |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 6,416     | -----     | 4,616   | -----    | -----     | -----    | -----     | -----   |  |
| TOTAL TON-MILES, 4,625,574,427.         |           |           |         |          |           |          |           |         |  |

DICKINSON BAYOU, TEX.

SECTION INCLUDED: GALVESTON BAY TO DICKINSON, TEX., ABOUT 11.4 MILES. CONTROLLING DEPTH: 7 FEET. PROJECT DEPTH: 6 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 220,258 | 1983----- | 16,056  |
| 1979----- | 105,573 | 1984----- | 176,905 |
| 1980----- | 19,275  | 1985----- | 194,932 |
| 1981----- | 23,275  | 1986----- | 330,172 |
| 1982----- | 17,921  | 1987----- | 420,062 |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |
|---|---------|----------|----------|
|   |         | INBOUND  | OUTBOUND |
| TOTAL-----                              | 820,062 | 612,262  | 7,800    |
| 1862 SAND, GRAVEL, CRUSHED ROCK-----    | 400,722 | 400,722  | -----    |
| 2991 PETROLEUM AND COAL PRUD, NEC-----  | 200     | 200      | -----    |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 746     | 746      | -----    |
| 3312 SLAG-----                          | 10,594  | 10,594   | -----    |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 7,800   | -----    | 7,800    |
| TOTAL TON-MILES, 3,605,461.             |         |          |          |

TEXAS CITY CHANNEL, TEX. (TEXAS CITY, TEX.)

SECTION INCLUDED: GALVESTON HARBOR, TEX., TO TURNING BASIN AT TEXAS CITY, TEX., ABOUT 6.5 MILES; CONTROLLING DEPTH: CHANNEL 41 FEET; INDUSTRIAL TURNING BASIN, 41 FEET; INDUSTRIAL CANAL, 38 FEET; TEXAS CITY TURNING BASIN 41.5 FEET. PROJECT TIDE: 40 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 34,656,219 | 1983----- | 35,496,261 |
| 1979----- | 35,954,301 | 1984----- | 30,656,673 |
| 1980----- | 25,948,936 | 1985----- | 33,460,917 |
| 1981----- | 27,852,242 | 1986----- | 35,479,909 |
| 1982----- | 33,370,791 | 1987----- | 37,233,020 |

## Waterborne Commerce of the United States, 1987

TEXAS CITY CHANNEL, TEX. (TEXAS CITY, TEX.)--CONTINUED

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL        | FOREIGN    |           | DOMESTIC  |           |           |           | LOCAL   |  |
|--|--------------|------------|-----------|-----------|-----------|-----------|-----------|---------|--|
|  |              | IMPORTS    | EXPORTS   | COASTWISE |           | INTERNAL  |           |         |  |
|  |              |            |           | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |         |  |
| TOTAL-----                               | 37,233,420   | 16,793,110 | 2,004,052 | 4,719,319 | 3,939,180 | 4,515,415 | 5,002,771 | 219,573 |  |
| 0101 COTTON, RAW-----                    | 63           | -----      | 63        | -----     | -----     | -----     | -----     | -----   |  |
| 0104 OATS-----                           | 24,383       | 12,260     | -----     | -----     | -----     | 12,123    | -----     | -----   |  |
| 0105 RICE-----                           | 40           | -----      | 40        | -----     | -----     | -----     | -----     | -----   |  |
| 0107 MEAT-----                           | 14,800       | -----      | 14,800    | -----     | -----     | -----     | -----     | -----   |  |
| 0161 ANIMALS AND PRODUCTS, NEC-----      | 40           | -----      | 40        | -----     | -----     | -----     | -----     | -----   |  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 14           | -----      | 14        | -----     | -----     | -----     | -----     | -----   |  |
| 1311 CRUDE PETROLEUM-----                | 22,561,712   | 16,311,654 | -----     | 4,434,618 | 71,900    | 1,518,238 | 225,302   | -----   |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 262          | -----      | 262       | -----     | -----     | -----     | -----     | -----   |  |
| 1451 CLAY-----                           | 30           | -----      | 30        | -----     | -----     | -----     | -----     | -----   |  |
| 1492 SULPHUR, DRY-----                   | 4,630        | -----      | 4,630     | -----     | -----     | -----     | -----     | -----   |  |
| 1499 NONMETALLIC MINERALS, NEC-----      | 353          | 20         | 333       | -----     | -----     | -----     | -----     | -----   |  |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 21,331       | -----      | 21,331    | -----     | -----     | -----     | -----     | -----   |  |
| 2022 DRIED MILK AND CREAM-----           | 67           | -----      | 67        | -----     | -----     | -----     | -----     | -----   |  |
| 2042 ANIMAL FEEDS-----                   | 6,618        | -----      | 6,618     | -----     | -----     | -----     | -----     | -----   |  |
| 2091 VEGETABLE OILS, MARG., SHORT-----   | 15,862       | -----      | 15,862    | -----     | -----     | -----     | -----     | -----   |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 162          | -----      | 162       | -----     | -----     | -----     | -----     | -----   |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 26           | -----      | 26        | -----     | -----     | -----     | -----     | -----   |  |
| 2711 PRINTED MATTER-----                 | 6            | -----      | 6         | -----     | -----     | -----     | -----     | -----   |  |
| 2810 SODIUM HYDROXIDE-----               | 32,502       | -----      | -----     | -----     | -----     | 31,102    | 1,400     | -----   |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 453,331      | 3,348      | 31,411    | 21,159    | -----     | 314,733   | 78,537    | 4,183   |  |
| 2813 ALCOHOLS-----                       | 866,656      | 156,856    | 88,129    | -----     | 85,011    | 180,353   | 353,507   | -----   |  |
| 2817 BENZENE AND TOLUENE-----            | 1,262,919    | 29,027     | 73,457    | 3,703     | -----     | 395,583   | 642,215   | 118,974 |  |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 3,616,836    | 91,093     | 614,153   | 1,785     | 886,185   | 761,219   | 1,168,691 | 93,710  |  |
| 2821 PLASTIC MATERIALS-----              | 3,822        | -----      | 3,822     | -----     | -----     | -----     | -----     | -----   |  |
| 2822 SYNTHETIC RUBBER-----               | 736          | -----      | 736       | -----     | -----     | -----     | -----     | -----   |  |
| 2831 DRUGS-----                          | 500          | -----      | 500       | -----     | -----     | 500       | -----     | -----   |  |
| 2841 SOAP-----                           | 6,001        | -----      | 6,001     | -----     | -----     | -----     | -----     | -----   |  |
| 2861 GUM AND WOOD CHEMICALS-----         | 1,158        | -----      | 1,158     | -----     | -----     | -----     | -----     | -----   |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 12,319       | -----      | 8,240     | -----     | 999       | 3,080     | -----     | -----   |  |
| 2872 POTASSIUM CHEM FERTILIZERS-----     | 513,846      | -----      | 294,037   | -----     | 97,019    | 2,902     | 119,888   | -----   |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 1,401        | -----      | -----     | -----     | -----     | -----     | 1,401     | -----   |  |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 17           | -----      | 17        | -----     | -----     | -----     | -----     | -----   |  |
| 2879 FERTILIZERS AND MATERIALS, NEC----- | 46,875       | -----      | 39,263    | -----     | -----     | 1,601     | 6,011     | -----   |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 74,981       | 770        | 48,318    | -----     | -----     | 22,066    | 3,827     | -----   |  |
| 2911 GASOLINE-----                       | 3,140,719    | 66,899     | 47,248    | 17,425    | 2,225,906 | 366,364   | 416,877   | -----   |  |
| 2912 JET FUEL-----                       | 13,139       | -----      | 2,395     | -----     | -----     | -----     | 10,744    | -----   |  |
| 2913 KEROSENE-----                       | 30,357       | -----      | 1,500     | -----     | -----     | -----     | 28,857    | -----   |  |
| 2918 DISTILLATE FUEL OIL-----            | 929,890      | 42,904     | 3,978     | 175,379   | 375,294   | 174,986   | 157,351   | -----   |  |
| 2915 RESIDUAL FUEL OIL-----              | 2,038,181    | 41,088     | 112,483   | 39,360    | 129,037   | 551,762   | 1,361,705 | 2,746   |  |
| 2916 LUBRICATING OILS AND GREASES-----   | 42,299       | -----      | 30,267    | -----     | -----     | -----     | 7,012     | 5,020   |  |
| 2917 NAFTHIA, PETROLEUM SOLVENTS-----    | 762,775      | 33,496     | 3,373     | 14,933    | 66,242    | 275,291   | 369,880   | -----   |  |
| 2920 COKE, PETROLEUM COKE-----           | 540,804      | -----      | 523,975   | -----     | -----     | -----     | 16,829    | -----   |  |
| 2921 LIQUEFIED GASES-----                | 3,766        | -----      | 3,766     | -----     | -----     | -----     | -----     | -----   |  |
| 2991 PETROLEUM AND CUAL PROD., NEC-----  | 179,027      | -----      | 1,387     | 10,957    | 207       | 95,427    | 70,969    | -----   |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 31           | -----      | 31        | -----     | -----     | -----     | -----     | -----   |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 5            | -----      | 5         | -----     | -----     | -----     | -----     | -----   |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 8            | 7          | 1         | -----     | -----     | -----     | -----     | -----   |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 1,625        | 1,593      | 32        | -----     | -----     | -----     | -----     | -----   |  |
| 3322 COPPER ALLOYS, UNWORKED-----        | 1,615        | -----      | -----     | -----     | -----     | 1,615     | -----     | -----   |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----  | 3            | -----      | 3         | -----     | -----     | -----     | -----     | -----   |  |
| 3411 FABRICATED METAL PRODUCTS-----      | 377          | -----      | 377       | -----     | -----     | -----     | -----     | -----   |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 87           | 47         | 40        | -----     | -----     | -----     | -----     | -----   |  |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 51           | -----      | 51        | -----     | -----     | -----     | -----     | -----   |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 14           | 8          | 6         | -----     | -----     | -----     | -----     | -----   |  |
| 3791 MISC TRANSPORTATION EQUIPMENT-----  | 3            | -----      | 3         | -----     | -----     | -----     | -----     | -----   |  |
| 3811 INSTR, TIME, PHOTO, OPT GOODS-----  | 1            | -----      | 1         | -----     | -----     | -----     | -----     | -----   |  |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 14           | 14         | -----     | -----     | -----     | -----     | -----     | -----   |  |
| 4029 WASTE AND SCRAP, NEC-----           | 4,200        | -----      | -----     | -----     | -----     | -----     | 4,200     | -----   |  |
| 4112 COMMODITIES, NEC-----               | 54           | 12         | 42        | -----     | -----     | -----     | -----     | -----   |  |
| TOTAL TON-MILES.                         | 316,484,068. |            |           |           |           |           |           |         |  |

## GALVESTON HARBOR, TEX.

SECTION INCLUDED: GULF OF MEXICO TO GALVESTON CHANNEL, TEXAS CITY CHANNEL, AND HOUSTON SHIP CHANNEL, TEX., ABOUT 14.5 MILES, CONTROLLING DEPTHS: ENTRANCE CHANNEL, 40 FEET; OUTER BAR, 41 FEET; INNER BAR, 39 FEET; BOLIVAR Roads CHANNEL, 40 FEET. PROJECT DEPTHS: ENTRANCE AND OUTER BAR CHANNELS, 42 FEET; INNER BAR AND BOLIVAR Roads CHANNELS, 40 FEET, MEAN LOA TIDE.

COMPARATIVE STATEMENT OF TRAFFIC\*  
(TRAFFIC IN TRANSIT)

| YEAR      | TONS        | PASSENGERS | YEAR      | TONS        | PASSENGERS |
|-----------|-------------|------------|-----------|-------------|------------|
| 1978----- | 111,054,586 | 1,447      | 1983----- | 93,456,147  | -----      |
| 1979----- | 118,055,054 | -----      | 1984----- | 94,401,071  | -----      |
| 1980----- | 101,987,400 | -----      | 1985----- | 85,253,691  | -----      |
| 1981----- | 107,332,518 | -----      | 1986----- | 95,687,938  | -----      |
| 1982----- | 98,053,339  | -----      | 1987----- | 105,690,877 | -----      |

\* ALL FOREIGN AND COASTWISE COMMERCE SHIPPED FOR GALVESTON CHANNEL, TEXAS CITY CHANNEL, AND HOUSTON SHIP CHANNEL PASS THROUGH THIS ENTRANCE.

## GALVESTON CHANNEL, TEX. (GALVESTON, TEX.)

SECTION INCLUDED: GALVESTON HARBOR, TEX., 43RD TO 57TH DEAUTHORIZED UNDER SEC. 12 OF PL 93-251, GALVESTON, TEX., ABOUT 3.9 MILES.  
 CONTROLLING DEPTH: 32 FEET TO 43RD STREET. PROJECT DEPTH: 40 FEET, MEAN LOW TIDE, TO 43RD STREET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | FERRY<br>PASSENGERS | YEAR      | TONS       | PASSENGERS | FERRY<br>PASSENGERS |
|-----------|------------|------------|---------------------|-----------|------------|------------|---------------------|
| 1978----- | 7,786,146  | 1,142      | 4,783,219           | 1983----- | 10,177,718 | -----      | 6,938,491           |
| 1979----- | 8,982,285  | -----      | 5,964,184           | 1984----- | 11,752,974 | -----      | 9,560,952           |
| 1980----- | 9,631,091  | -----      | 6,271,687           | 1985----- | 7,791,729  | -----      | 12,602,827          |
| 1981----- | 11,268,337 | -----      | 6,816,934           | 1986----- | 7,987,857  | -----      | 12,797,619          |
| 1982----- | 9,349,856  | -----      | 7,084,694           | 1987----- | 8,684,216  | -----      | 12,364,505          |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL     | FOREIGN |           | DOMESTIC  |           |          |           | LOCAL |  |
|--|-----------|---------|-----------|-----------|-----------|----------|-----------|-------|--|
|  |           | IMPORTS | EXPORTS   | COASTWISE |           | INTERNAL |           |       |  |
|  |           |         |           | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |       |  |
| TOTAL-----                               | 8,684,216 | 642,996 | 5,696,710 | 407,655   | 1,246,196 | 543,112  | 142,747   | 2,000 |  |
| 0101 COTTON, RAW-----                    | 22,932    | -----   | 21,702    | -----     | -----     | -----    | 1,230     | ----- |  |
| 0103 CORN-----                           | 2,963     | -----   | 166       | -----     | -----     | -----    | 2,797     | ----- |  |
| 0105 RICE-----                           | 49,440    | -----   | 49,030    | -----     | -----     | -----    | 410       | ----- |  |
| 0106 SORGHUM GRAINS-----                 | 81,193    | -----   | 74,778    | -----     | -----     | -----    | 6,815     | ----- |  |
| 0107 WHEAT-----                          | 4,095,283 | -----   | 4,092,212 | -----     | -----     | -----    | 3,071     | ----- |  |
| 0119 OILSEEDS, NEC-----                  | 1,226     | -----   | 1,226     | -----     | -----     | -----    | -----     | ----- |  |
| 0129 FIELD CROPS, NEC-----               | 1,037     | 815     | 222       | -----     | -----     | -----    | -----     | ----- |  |
| 0131 FRESH FRUITS-----                   | 995       | 327     | 668       | -----     | -----     | -----    | -----     | ----- |  |
| 0132 BANANAS AND PLANTAINS-----          | 214,076   | 214,076 | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 0133 COFFEE-----                         | 11,444    | 11,168  | 276       | -----     | -----     | -----    | -----     | ----- |  |
| 0141 FRESH AND FROZEN VEGETABLES-----    | 4,520     | 3,501   | 1,019     | -----     | -----     | -----    | -----     | ----- |  |
| 0161 ANIMALS AND PRODUCTS, NEC-----      | 1,507     | 220     | 1,267     | -----     | -----     | -----    | -----     | ----- |  |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 65        | 13      | 52        | -----     | -----     | -----    | -----     | ----- |  |
| 0801 CRUDE RUBBER AND ALLIED GUMS-----   | 2,020     | 2,016   | 4         | -----     | -----     | -----    | -----     | ----- |  |
| 0861 FOREST PRODUCTS, NEC-----           | 5,616     | 33      | 5,503     | -----     | -----     | -----    | -----     | ----- |  |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 227       | 20      | 207       | -----     | -----     | -----    | -----     | ----- |  |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 3         | -----   | 3         | -----     | -----     | -----    | -----     | ----- |  |
| 1011 IRON ORE AND CONCENTRATES-----      | 10,132    | 10,132  | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 109       | 20      | 89        | -----     | -----     | -----    | -----     | ----- |  |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 3,446     | -----   | 3,446     | -----     | -----     | -----    | -----     | ----- |  |
| 1121 COAL AND LIGNITE-----               | 7,325     | -----   | -----     | -----     | 7,325     | -----    | -----     | ----- |  |
| 1311 CRUDE PETROLEUM-----                | 153,368   | 153,368 | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 31,587    | 5,040   | 27        | -----     | -----     | 26,520   | -----     | ----- |  |
| 1451 CLAY-----                           | 66,078    | 50,114  | 1,286     | -----     | -----     | -----    | 14,670    | ----- |  |
| 1492 SULPHUR, DRY-----                   | 900,622   | -----   | 900,622   | -----     | -----     | -----    | -----     | ----- |  |
| 1693 SULPHUR, LIQUID-----                | 1,204,825 | -----   | -----     | 1,143,171 | 26,228    | 35,826   | -----     | ----- |  |
| 1694 GYPSUM, CRUDE AND PLASTERS-----     | 95        | -----   | 95        | -----     | -----     | -----    | -----     | ----- |  |
| 1699 NONMETALLIC MINERALS, NEC-----      | 2,224     | 30      | 140       | -----     | -----     | -----    | 2,054     | ----- |  |
| 1911 ORDNANCE AND ACCESSORIES-----       | 136       | 118     | 18        | -----     | -----     | -----    | -----     | ----- |  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----   | 189       | 23      | 166       | -----     | -----     | -----    | -----     | ----- |  |
| 2012 MEAT AND PRODUCTS, NEL-----         | 2,201     | 2,201   | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 432       | -----   | 432       | -----     | -----     | -----    | -----     | ----- |  |
| 2015 ANIMAL BY-PRODUCTS, NEC-----        | 358       | -----   | 358       | -----     | -----     | -----    | -----     | ----- |  |
| 2022 DRIED MILK AND CREAM-----           | 6,027     | -----   | 6,027     | -----     | -----     | -----    | -----     | ----- |  |
| 2031 FISH AND SHELLFISH, PREPARED-----   | 36        | 36      | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 2034 VEGETABLES AND PREP., NEC-----      | 2,727     | 649     | 2,276     | -----     | -----     | -----    | -----     | ----- |  |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----  | 4,632     | 3,711   | 721       | -----     | -----     | -----    | -----     | ----- |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 334,788   | -----   | 334,788   | -----     | -----     | -----    | -----     | ----- |  |
| 2042 ANIMAL FEEDS-----                   | 669       | 12      | 657       | -----     | -----     | -----    | -----     | ----- |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 13,802    | 1,198   | 10,654    | -----     | -----     | -----    | 2,000     | ----- |  |
| 2061 SUGAR-----                          | 422,725   | 30,851  | -----     | 391,874   | -----     | -----    | -----     | ----- |  |
| 2081 ALCOHOLIC BEVERAGES-----            | 21,080    | 21,054  | 26        | -----     | -----     | -----    | -----     | ----- |  |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 219       | 207     | 12        | -----     | -----     | -----    | -----     | ----- |  |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 28        | 28      | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 2094 GROCERIES-----                      | 2         | -----   | -----     | -----     | -----     | -----    | 2         | ----- |  |
| 2095 ICE-----                            | 181       | 181     | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 14,343    | 2,488   | 10,327    | -----     | 1,520     | -----    | -----     | ----- |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 1,217     | 966     | 251       | -----     | -----     | -----    | -----     | ----- |  |
| 2212 TEXTILE FIBERS, NEC-----            | 641       | -----   | 641       | -----     | -----     | -----    | -----     | ----- |  |
| 2311 APPAREL-----                        | 35        | 25      | 10        | -----     | -----     | -----    | -----     | ----- |  |
| 2313 FUEL WOOD, CHARCOAL, WASTES-----    | 1         | 1       | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 2421 LUMBER-----                         | 2,932     | 2,683   | 449       | -----     | -----     | -----    | -----     | ----- |  |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 40,155    | 40,155  | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 2491 WOOD MANUFACTURED, NEC-----         | 3,980     | 1,134   | 2,846     | -----     | -----     | -----    | -----     | ----- |  |
| 2511 FURNITURE AND FIXTURES-----         | 1,319     | 1,028   | 291       | -----     | -----     | -----    | -----     | ----- |  |
| 2611 PULP-----                           | 12,581    | -----   | 12,581    | -----     | -----     | -----    | -----     | ----- |  |
| 2621 STANDARD NEWSPRINT PAPER-----       | 1,098     | -----   | 1,098     | -----     | -----     | -----    | -----     | ----- |  |
| 2631 PAPER AND PAPERBOARD-----           | 22,365    | 2,091   | 20,274    | -----     | -----     | -----    | -----     | ----- |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 963       | 296     | 667       | -----     | -----     | -----    | -----     | ----- |  |
| 2711 PRINTED MATTER-----                 | 315       | 261     | 54        | -----     | -----     | -----    | -----     | ----- |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 624       | 585     | 39        | -----     | -----     | -----    | -----     | ----- |  |
| 2812 DYES, PIGMENT, TANNING MATS-----    | 76        | -----   | 76        | -----     | -----     | -----    | -----     | ----- |  |
| 2813 ALCOHOLS-----                       | 23,535    | 19      | 23,516    | -----     | -----     | -----    | -----     | ----- |  |
| 2814 RADIOACTIVE MATERIALS, WASTES-----  | 17        | 17      | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 2817 BENZENE AND TOLUENE-----            | 11,316    | -----   | 11,316    | -----     | -----     | -----    | -----     | ----- |  |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 40,043    | 6,591   | 29,913    | -----     | 220       | 3,311    | -----     | ----- |  |
| 2821 PLASTIC MATERIALS-----              | 30,411    | 2,974   | 27,657    | -----     | -----     | -----    | -----     | ----- |  |
| 2822 SYNTHETIC RUBBER-----               | 6,666     | -----   | 6,666     | -----     | -----     | -----    | -----     | ----- |  |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----    | 1         | -----   | 1         | -----     | -----     | -----    | -----     | ----- |  |
| 2831 DRUGS-----                          | 1,843     | 1,724   | 119       | -----     | -----     | -----    | -----     | ----- |  |
| 2851 SOAP-----                           | 4,177     | 839     | 3,338     | -----     | -----     | -----    | -----     | ----- |  |
| 2851 PAINTS-----                         | 876       | 855     | 21        | -----     | -----     | -----    | -----     | ----- |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 515       | -----   | 515       | -----     | -----     | -----    | -----     | ----- |  |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 181       | 181     | -----     | -----     | -----     | -----    | -----     | ----- |  |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 2,948     | 608     | 1,440     | -----     | -----     | -----    | -----     | ----- |  |

## Waterborne Commerce of the United States, 1987

GALVESTON CHANNEL, TEX. (GALVESTON, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | FOREIGN |         | DOMESTIC  |           |          |           | LOCAL |  |
|---|---------|---------|---------|-----------|-----------|----------|-----------|-------|--|
|   |         | IMPORTS | EXPORTS | COASTWISE |           | INTERNAL |           |       |  |
|   |         |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |       |  |
| 2079 FERTILIZER AND MATERIALS, NEC----- | 7,222   | -----   | 2,757   | 4,465     | -----     | -----    | -----     | ----- |  |
| 2691 MISCELLANEOUS CHEMICAL PROD-----   | 5,679   | 8,946   | 2,733   | -----     | -----     | -----    | -----     | ----- |  |
| 2911 GASOLINE-----                      | 171,932 | -----   | -----   | 101,368   | 67,418    | 3,166    | -----     | ----- |  |
| 2914 DISTILLATE FUEL OIL-----           | 173,669 | -----   | 2,985   | -----     | 3,677     | 161,427  | 5,600     | ----- |  |
| 2915 RESIDUAL FUEL OIL-----             | 265,556 | -----   | -----   | -----     | -----     | 226,112  | 38,662    | 2,000 |  |
| 2916 LUBRICATING OILS AND GREASES-----  | 1,257   | 161     | 1,076   | -----     | -----     | -----    | -----     | ----- |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 13,587  | -----   | -----   | -----     | -----     | 8,533    | 11,024    | ----- |  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 1       | -----   | 1       | -----     | -----     | -----    | -----     | ----- |  |
| 2921 LIQUEFIED GASES-----               | 184     | 13      | 181     | -----     | -----     | -----    | -----     | ----- |  |
| 2951 ASPHALT, BUILDING MATERIALS-----   | 4       | -----   | 4       | -----     | -----     | -----    | -----     | ----- |  |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 207     | -----   | 207     | -----     | -----     | -----    | -----     | ----- |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----  | 7,069   | 5,707   | 1,362   | -----     | -----     | -----    | -----     | ----- |  |
| 3111 LEATHER AND LEATHER PRODUCTS-----  | 471     | 377     | 96      | -----     | -----     | -----    | -----     | ----- |  |
| 3211 GLASS AND GLASS PRODUCTS-----      | 1,334   | 1,036   | 299     | -----     | -----     | -----    | -----     | ----- |  |
| 3261 BUILDING CEMENT-----               | 206     | -----   | -----   | -----     | -----     | -----    | 296       | ----- |  |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 2,192   | 2,150   | 62      | -----     | -----     | -----    | -----     | ----- |  |
| 3261 CUT STONE, AND STONE PRODUCTS----- | 4,769   | 4,769   | -----   | -----     | -----     | -----    | -----     | ----- |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 5,793   | 2,871   | 3,522   | -----     | -----     | -----    | -----     | ----- |  |
| 3312 SLAG-----                          | 13,927  | -----   | -----   | -----     | -----     | 13,927   | -----     | ----- |  |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 4       | 4       | -----   | -----     | -----     | -----    | -----     | ----- |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 3,309   | 3,043   | 266     | -----     | -----     | -----    | -----     | ----- |  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 2,715   | -----   | 2,715   | -----     | -----     | -----    | -----     | ----- |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 14,300  | 12,737  | 1,438   | -----     | -----     | 110      | 215       | ----- |  |
| 3318 FERROALLOYS-----                   | 243     | 243     | -----   | -----     | -----     | -----    | -----     | ----- |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 549     | 492     | 57      | -----     | -----     | -----    | -----     | ----- |  |
| 3321 NONFERROUS METALS, NEC-----        | 4,991   | 136     | 4,855   | -----     | -----     | -----    | -----     | ----- |  |
| 3322 COPPER ALLOYS, UNWORKED-----       | 1,067   | 1,051   | 36      | -----     | -----     | -----    | -----     | ----- |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 1,377   | 623     | 554     | -----     | -----     | -----    | -----     | ----- |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 10,745  | 8,349   | 2,396   | -----     | -----     | -----    | -----     | ----- |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 16,147  | 10,334  | 5,041   | -----     | -----     | 317      | 455       | ----- |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 6,326   | 2,396   | 3,930   | -----     | -----     | -----    | -----     | ----- |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 4,451   | 3,451   | 1,000   | -----     | -----     | -----    | -----     | ----- |  |
| 3721 AIRCRAFT AND PARTS-----            | 336     | 168     | 170     | -----     | -----     | -----    | -----     | ----- |  |
| 3731 SHIPS AND BOATS-----               | 137     | 62      | 75      | -----     | -----     | -----    | -----     | ----- |  |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 1,931   | 1,605   | 326     | -----     | -----     | -----    | -----     | ----- |  |
| 3811 INSTR, TIME, PHOTO, OPT Goods----- | 865     | 376     | 489     | -----     | -----     | -----    | -----     | ----- |  |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 2,442   | 1,031   | 1,251   | -----     | -----     | 60       | 100       | ----- |  |
| 4011 IRON AND STEEL SCRAP-----          | 132     | -----   | 132     | -----     | -----     | -----    | -----     | ----- |  |
| 4012 NONFERROUS METAL SCRAP-----        | 1,119   | 82      | 1,037   | -----     | -----     | -----    | -----     | ----- |  |
| 4022 TEXTILE WASTE, SCRAP, SHEEP-----   | 400     | -----   | 400     | -----     | -----     | -----    | -----     | ----- |  |
| 4024 PAPER WASTE AND SCRAP-----         | 138     | -----   | 138     | -----     | -----     | -----    | -----     | ----- |  |
| 4111 WATER-----                         | 10,691  | -----   | -----   | -----     | -----     | 2,268    | 6,443     | ----- |  |
| 4112 COMMODITIES, NEC-----              | 13,959  | 951     | 465     | -----     | -----     | 6,334    | 6,209     | ----- |  |
| 4119 EMPTY CONTAINERS-----              | 90      | -----   | -----   | -----     | -----     | -----    | 90        | ----- |  |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 1,687   | -----   | 1,687   | -----     | -----     | -----    | -----     | ----- |  |
| TOTAL TON-MILES, 34,736,866.            |         |         |         |           |           |          |           |       |  |

## CHOCOLATE BAYOU, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO NEAR LIVERPOOL, TEX., ABOUT 13.4 MILES. CONTROLLING DEPTHS: 6.5 FEET TO MILE 6.5, PROJECT DEPTHS: 12 FEET, TO MILE 8.2, THENCE 9 FEET MEAN LOW TIDE, MILE 8.2 TO MILE 13.4 DEAUTHORIZED UNDER PL-99-662 TO MILE 13.2.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 3,057,207 | 1983----- | 2,608,300 |
| 1979----- | 3,040,894 | 1984----- | 3,401,910 |
| 1980----- | 2,934,650 | 1985----- | 4,076,999 |
| 1981----- | 4,301,199 | 1986----- | 2,674,357 |
| 1982----- | 3,043,107 | 1987----- | 2,750,300 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL  |           |
|---|-----------|-----------|-----------|
|   |           | INBOUND   | OUTBOUND  |
| TOTAL-----                              | 2,750,380 | 1,725,978 | 1,024,402 |
| 1311 CRUDE PETROLEUM-----               | 104,614   | 90,093    | 14,521    |
| 2610 SODIUM HYDROXIDE-----              | 59,006    | 59,006    | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 18,114    | 18,114    | -----     |
| 2013 ALCOHOLS-----                      | 36,886    | 36,886    | -----     |
| 2817 BENZENE AND TOLUENE-----           | 278,468   | 56,675    | 219,793   |
| 2818 SULPHURIC ACID-----                | 67,357    | 65,246    | 2,109     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 439,393   | 56,180    | 381,213   |
| 2861 GUM AND WOOD CHEMICALS-----        | 4,384     | -----     | 4,384     |
| 2271 NITROGENOUS CHEM FERTILIZERS-----  | 2,795     | -----     | 2,795     |
| 2911 GASOLINE-----                      | 356,550   | 105,365   | 255,174   |
| 2914 DISTILLATE FUEL OIL-----           | 50,356    | 33,765    | 16,591    |
| 2915 RESIDUAL FUEL OIL-----             | 271,887   | 239,923   | 31,966    |
| 2916 LUBRICATING OILS AND GREASES-----  | 88,583    | 85,043    | 3,540     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 721,010   | 711,235   | 9,775     |

## GALVESTON, TX, DISTRICT

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CHOCOLATE BAYOU, TEX.--CONTINUED  
 FREIGHT TRAFFIC, 1987--CONTINUED  
 DOMESTIC--CONTINUED  
 (SHORT TONS)

| COMMODITY                              | TOTAL   | INTERNAL |          |
|--|---------|----------|----------|
|  |         | INBOUND  | OUTBOUND |
| 2010 ASPHALT, TAR, AND PITCHES-----    | 42,036  | -----    | 42,036   |
| 2021 LIQUEFIED GASES-----              | 12,867  | -----    | 12,867   |
| 2091 PETROLEUM AND COAL PROD, NEC----- | 194,163 | 166,485  | 27,678   |
| TOTAL TON-MILES, 24,313,725.           |         |          |          |

## SAN BERNARD RIVER, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO STATE HIGHWAY NO. 35, ABOUT 26.0 MILES. CONTROLLING DEPTHS: 8.5 FEET. PROJECT DEPTHS: 9 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 321,305 | 1983----- | 629,816 |
| 1979----- | 601,435 | 1984----- | 619,837 |
| 1980----- | 673,740 | 1985----- | 519,417 |
| 1981----- | 600,291 | 1986----- | 520,520 |
| 1982----- | 726,680 | 1987----- | 365,272 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                              | TOTAL   | INTERNAL |          |
|--|---------|----------|----------|
|  |         | INBOUND  | OUTBOUND |
| TOTAL-----                             | 360,272 | 7,710    | 352,562  |
| 1303 CRUDE PETROLEUM-----              | 3,923   | -----    | 3,923    |
| 2010 CRUDE TAR, OIL, GAS PRODUCTS----- | 93,190  | -----    | 93,190   |
| 2017 BENZENE AND TOLUENE-----          | 15,713  | -----    | 15,713   |
| 2910 DISTILLATE FUEL OIL-----          | 10,049  | 7,710    | 2,339    |
| 2915 RESIDUAL FUEL OIL-----            | 107,003 | -----    | 107,003  |
| 2937 NAPHTHA, PETROLEUM SOLVENTS-----  | 15,051  | -----    | 15,051   |
| 2991 PETROLEUM AND COAL PROD, NEC----- | 34,463  | -----    | 34,463   |
| TOTAL TON-MILES, 9,367,072.            |         |          |          |

## FREEPORT HARBOR, TEX. (FREEPORT, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO DIVERSION DAM AT FREEPORT, TEX., ON OLD BRAZOS RIVER, ABOUT 7.3 MILES. CONTROLLING DEPTHS: BAR CHANNEL, 37 FEET; THROUGH UPPER TURNING BASIN, 39 FEET; THROUGH STAUFFER TURNING BASIN, 16 FEET; BRAZOS HARBOR CHANNEL AND TURNING BASIN, 31 FEET. PROJECT DEPTHS: BAR CHANNEL 38 FEET; THROUGH UPPER TURNING BASIN, 45 FEET; (DEAUTHORIZED UNDER SEC. 12 OF P.L. 93-251) THROUGH STAUFFER TURNING BASIN, DEAUTHORIZED UNDER SEC. 12 P.L. 93-251 30 FEET; BRAZOS HARBOR CHANNEL AND TURNING BASIN, 36 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 21,712,460 | 1983----- | 15,671,990 |
| 1979----- | 19,983,837 | 1984----- | 15,122,761 |
| 1980----- | 20,131,067 | 1985----- | 12,918,289 |
| 1981----- | 23,357,106 | 1986----- | 13,370,117 |
| 1982----- | 14,989,663 | 1987----- | 13,980,280 |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL      | FOREIGN   |           | COASTWISE |           | INTERNAL  |           | LOCAL  |
|---|------------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
|   |            | IMPORTS   | EXPORTS   | RECEIPTS  | SHIPMENTS | RECEIPTS  | SHIPMENTS |        |
| TOTAL-----                              | 13,980,280 | 4,106,713 | 1,389,443 | 3,446,238 | 304,431   | 2,639,700 | 1,668,317 | 83,570 |
| 0103 CORN-----                          | 1,538      | -----     | -----     | -----     | -----     | 1,538     | -----     | -----  |
| 0105 RICE-----                          | 384,154    | -----     | 258,084   | -----     | -----     | 126,070   | -----     | -----  |
| 0119 OILSEEDS, YEC-----                 | 11         | -----     | 11        | -----     | -----     | 11        | -----     | -----  |
| 0132 BANANAS AND PLANTAINS-----         | 182,065    | 181,868   | 197       | -----     | -----     | -----     | -----     | -----  |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 179        | -----     | 179       | -----     | -----     | -----     | -----     | -----  |
| 0931 MAMINE SHELLS, UNMANUFACTURED----- | 6,130      | -----     | -----     | -----     | -----     | 6,130     | -----     | -----  |
| 1311 CRUDE PETROLEUM-----               | 7,780,170  | 3,779,418 | -----     | 3,293,312 | -----     | 702,838   | 4,602     | -----  |
| 1842 SAND, GRAVEL, CRUSHED ROCK-----    | 190,155    | -----     | -----     | -----     | -----     | 190,155   | -----     | -----  |
| 1451 CLAY-----                          | 500        | -----     | -----     | -----     | -----     | 500       | -----     | -----  |
| 1492 SULPHUR, DRY-----                  | 7,884      | -----     | 79        | -----     | 7,805     | -----     | -----     | -----  |
| 1499 NONMETALLIC MINERALS, NEC-----     | 63         | -----     | 63        | -----     | -----     | -----     | -----     | -----  |

## Waterborne Commerce of the United States, 1987

FREEPORT HARBOR, TEX. (FREEPORT, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL     | FOREIGN |           | DOMESTIC  |           | LOCAL   |  |
|--|-----------|---------|-----------|-----------|-----------|---------|--|
|  |           | IMPORTS | EXPORTS   | COASTWISE |           |         |  |
|  |           |         |           | RECEIPTS  | SHIPMENTS |         |  |
| 2034 VEGETABLES AND PREP, NEC-----       | 20        | -----   | 20        | -----     | -----     | -----   |  |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----  | 710       | 710     | -----     | -----     | -----     | -----   |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 160       | -----   | 160       | -----     | -----     | -----   |  |
| 2042 ANIMAL FEEDS-----                   | 25        | -----   | 23        | -----     | -----     | -----   |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 362       | 20      | 342       | -----     | -----     | -----   |  |
| 2081 ALCOHOLIC BEVERAGES-----            | 47        | 46      | 1         | -----     | -----     | -----   |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 138       | -----   | 138       | -----     | -----     | -----   |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 70        | 54      | 16        | -----     | -----     | -----   |  |
| 2511 FURNITURE AND FIXTURES-----         | 3         | 2       | 1         | -----     | -----     | -----   |  |
| 2631 PAPER AND PAPERBOARD-----           | 465       | -----   | 465       | -----     | -----     | -----   |  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 39        | -----   | 39        | -----     | -----     | -----   |  |
| 2810 SODIUM HYDROXIDE-----               | 541,265   | -----   | 4,930     | 40,602    | -----     | 495,733 |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 68,157    | -----   | 28,389    | 3,445     | 5,512     | 16,630  |  |
| 2813 ALCOHOLS-----                       | 41,526    | 6,000   | 17,040    | -----     | -----     | 10,832  |  |
| 2817 BENZENE AND TOLUENE-----            | 817,031   | 53,316  | -----     | 4,265     | 2,067     | 7,654   |  |
| 2818 SULPHURIC ACID-----                 | 311,069   | -----   | -----     | -----     | -----     | 89,374  |  |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 3,093,979 | 28,930  | 1,046,176 | 131,953   | 231,926   | 767,940 |  |
| 2821 PLASTIC MATERIALS-----              | 28,934    | -----   | 27,054    | -----     | -----     | 1,080   |  |
| 2831 DRUGS-----                          | 2         | -----   | 2         | -----     | -----     | -----   |  |
| 2851 PAINTS-----                         | 442       | 441     | 1         | -----     | -----     | -----   |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 5,164     | -----   | -----     | -----     | -----     | 5,164   |  |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 772       | -----   | 772       | -----     | -----     | -----   |  |
| 2879 FERTILIZERS AND MATERIALS, NEC----- | 275       | -----   | 275       | -----     | -----     | -----   |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 11,216    | -----   | 1,638     | 8,333     | -----     | 1,245   |  |
| 2911 GASOLINE-----                       | 139,536   | -----   | 6,572     | -----     | 60,186    | 72,780  |  |
| 2912 JET FUEL-----                       | 53,385    | -----   | -----     | -----     | 6,074     | 11,189  |  |
| 2914 DISTILLATE FUEL OIL-----            | 29,656    | -----   | -----     | -----     | 17,038    | 5,151   |  |
| 2915 RESIDUAL FULL OIL-----              | 150,072   | 56,753  | -----     | -----     | -----     | 34,060  |  |
| 2916 LUBRICATING OILS AND GREASES-----   | 10,002    | -----   | 504       | -----     | -----     | 7,352   |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 76,926    | -----   | 5         | -----     | 13,221    | 63,700  |  |
| 2991 PETROLEUM AND JAL PROD, NEC-----    | 24,030    | -----   | -----     | -----     | -----     | 22,530  |  |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 62        | 21      | 41        | -----     | -----     | -----   |  |
| 3211 GLASS AND GLASS PRODUCTS-----       | 5         | -----   | 5         | -----     | -----     | -----   |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 2         | -----   | 2         | -----     | -----     | -----   |  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 2         | -----   | 2         | -----     | -----     | -----   |  |
| 3320 ALUMINUM AND ALLOYS, UNWORKED-----  | 21        | -----   | 21        | -----     | -----     | -----   |  |
| 3411 FABRICATED METAL PRODUCTS-----      | 202       | -----   | 6         | -----     | 276       | -----   |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 62        | 60      | 42        | -----     | -----     | -----   |  |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 22        | -----   | 22        | -----     | -----     | -----   |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 32        | -----   | 32        | -----     | -----     | -----   |  |
| 3791 MISC TRANSPORTATION EQUIPMENT-----  | 7         | -----   | 7         | -----     | -----     | -----   |  |
| 3811 INSTR, TIME, PHOTO, OPT GUADS-----  | 107       | 6       | 101       | -----     | -----     | -----   |  |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 147       | 1       | 21        | -----     | -----     | 125     |  |
| 4112 COMMODITIES, NEC-----               | 1,174     | 1,087   | 87        | -----     | -----     | -----   |  |
| TOTAL TON-MILES, 65,760,001.             |           |         |           |           |           |         |  |

## COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.

SECTION INCLUDED: COLORADO RIVER FROM ITS JUNCTION WITH THE GINN EXTENDING UPSTREAM APPROXIMATELY 15.5 MILES TO TURNING BASIN.  
CONTROLLING DEPTHS: 7.0 FEET. PROJECT DEPTHS: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 455,448 | 1983----- | 360,744 |
| 1979----- | 458,681 | 1984----- | 324,075 |
| 1980----- | 436,585 | 1985----- | 480,181 |
| 1981----- | 403,016 | 1986----- | 571,818 |
| 1982----- | 392,933 | 1987----- | 693,005 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL | TOTAL   | INTERNAL |          |
|---|-------|---------|----------|----------|
|   |       |         | INBOUND  | OUTBOUND |
| TOTAL-----                              | ----- | 693,885 | 365,937  | 327,948  |
| 2813 ALCOHOLS-----                      | ----- | 121,464 | -----    | 121,464  |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | ----- | 330,473 | 131,989  | 208,484  |
| 2911 GASOLINE-----                      | ----- | 173,490 | 173,490  | -----    |
| 2914 DISTILLATE FUEL OIL-----           | ----- | 50,565  | 50,565   | -----    |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | ----- | 9,893   | 9,893    | -----    |
| TOTAL TON-MILES, 10,408,275.            |       |         |          |          |

## GALVESTON, TX, DISTRICT

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## MATAGORDA SHIP CHANNEL, TEX.

SECTION INCLUDED: GULF OF MEXICO TO POINT COMFORT, ABOUT 28.1 MILES; TO PORT LAVACA, ABOUT 4.1 MILES; TO HARBOR OF REFUGE, ABOUT 1.9 MILES; AND TO RED BLUFF, ABOUT 20.2 MILES. CONTROLLING DEPTHS: TO POINT COMFORT, 33.0 FEET; TO PORT LAVACA, 9 FEET; TO HARBOR OF REFUGE, 10.7 FEET; AND TO RED BLUFF, 1.5 FEET. PROJECT DEPTHS: TO POINT COMFORT, 36 FEET; TO PORT LAVACA AND HARBOR OF REFUGE, 12 FEET, AND TO RED BLUFF, 6 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 4,677,509 | 1983----- | 3,422,854 |
| 1979----- | 4,562,702 | 1984----- | 3,636,922 |
| 1980----- | 3,991,089 | 1985----- | 4,365,748 |
| 1981----- | 4,148,664 | 1986----- | 4,858,515 |
| 1982----- | 4,308,436 | 1987----- | 4,795,099 |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN   |         | DOMESTIC<br>INTERNAL |           |
|---|-----------|-----------|---------|----------------------|-----------|
|   |           | IMPORTS   | EXPORTS | RECEIPTS             | SHIPMENTS |
| TOTAL-----                              | 4,995,099 | 3,596,583 | 250,487 | 373,120              | 774,909   |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 3,718,592 | 3,532,813 | 180,264 | 1,515                | -----     |
| 1121 COAL AND LIGNITE-----              | 1,979     | -----     | 1,979   | -----                | -----     |
| 1311 CRUDE PETROLEUM-----               | 44,047    | -----     | -----   | -----                | 44,047    |
| 1499 NONMETALLIC MINERALS, NEC-----     | 22,964    | 22,964    | -----   | -----                | -----     |
| 2491 WOOD MANUFACTURES, NEC-----        | 49        | -----     | 49      | -----                | -----     |
| 2631 PAPER AND PAPERBOARD-----          | 243       | -----     | 243     | -----                | -----     |
| 2810 SODIUM HYDROXIDE-----              | 132,930   | -----     | -----   | 132,930              | -----     |
| 2813 ALCOHOLS-----                      | 18,159    | 18,159    | -----   | -----                | -----     |
| 2816 SULPHURIC ACID-----                | 66,645    | -----     | -----   | 68,605               | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 807,758   | 3,887     | 31,112  | 50,035               | 722,724   |
| 2822 SYNTHETIC RUBBER-----              | 34        | -----     | 34      | -----                | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 93,834    | 16,453    | -----   | 77,401               | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 2,961     | -----     | -----   | 2,961                | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 4,116     | 1,578     | -----   | -----                | 2,538     |
| 2915 RESIDUAL FUEL OIL-----             | 6,832     | -----     | -----   | 6,832                | -----     |
| 2920 COKE, PETROLEUM COKE-----          | 65,249    | -----     | 35,956  | 29,293               | -----     |
| 3211 GLASS AND GLASS PRODUCTS-----      | 73        | 73        | -----   | -----                | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 120       | 120       | -----   | -----                | -----     |
| 3322 COPPER ALLOYS, UNWORKED-----       | 58        | 58        | -----   | -----                | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 4         | 4         | -----   | -----                | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 775       | 201       | 574     | -----                | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 293       | 293       | -----   | -----                | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 5,600     | -----     | -----   | -----                | 5,600     |
| 4024 PAPER WASTE AND SCRAP-----         | 276       | -----     | 276     | -----                | -----     |
| 4110 WATERWAY IMPROVEMENT MAT-----      | 3,508     | -----     | -----   | 3,508                | -----     |
| TOTAL TON-MILES, 124,894,423.           |           |           |         |                      |           |

## CHANNEL TO VICTORIA, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO VICINITY OF VICTORIA, TEX., ABOUT 35 MILES; TRIBUTARY CHANNEL TO SEADRIFT, TEX., ABOUT 2 MILES. CONTROLLING DEPTHS: MAIN CHANNEL, 6.5 FEET; TRIBUTARY CHANNEL, 3-5.5 FEET. PROJECT DEPTH: 9 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 2,819,807 | 1983----- | 3,342,181 |
| 1979----- | 2,807,135 | 1984----- | 3,674,375 |
| 1980----- | 3,303,122 | 1985----- | 3,414,087 |
| 1981----- | 2,930,820 | 1986----- | 3,078,476 |
| 1982----- | 2,764,633 | 1987----- | 3,655,454 |

## FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL  |           |
|---|-----------|-----------|-----------|
|   |           | RECEIPTS  | SHIPMENTS |
| TOTAL-----                              | 3,655,454 | 1,399,886 | 2,255,568 |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----    | 1,486,041 | -----     | 1,486,041 |
| 1499 NONMETALLIC MINERALS, NEC-----     | 13,742    | 13,742    | -----     |
| 2810 SODIUM HYDROXIDE-----              | 15,483    | 15,483    | -----     |
| 2813 ALCOHOLS-----                      | 26,121    | 21,667    | 4,454     |
| 2816 RADIOACTIVE MATERIALS, WASTES----- | 1,344     | -----     | 1,344     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 1,766,043 | 1,066,663 | 699,580   |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 82,062    | 82,062    | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 13,488    | 13,488    | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 12,187    | 6,906     | 5,201     |
| 2915 RESIDUAL FUEL OIL-----             | 200,047   | 180,055   | 19,992    |
| 2920 COKE, PETROLEUM COKE-----          | 11,729    | -----     | 11,729    |
| 3511 MISC MANUFACTURED PRODUCTS-----    | 4,500     | -----     | 4,500     |
| 4011 IRON AND STEEL SCRAP-----          | 1,500     | -----     | 1,500     |
| TOTAL TON-MILES, 100,104,629.           | 21,159    | -----     | 21,159    |

## Waterborne Commerce of the United States, 1987

CORPUS CHRISTI SHIP CHANNEL, TEX. (CORPUS CHRISTI  
AND HARBOR ISLAND, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO TURNING BASINS AT CORPUS CHRISTI, AT AVERY POINT, NEAR TULE LAKE, AND AT VIOLA, TEX., ABOUT 34 MILES; BRANCH CHANNEL TO LA QUINTA, ABOUT 5.6 MILES; CHANNEL TO PORT ARANSAS, ABOUT 0.1 MILE; CONTROLLING DEPTHS: BAR CHANNEL, 47.0 FEET; BAY CHANNEL, 47 FEET; TO AVERY POINT, 42 FEET; TO VICINITY TULE LAKE, 42 FEET; TO VIOLA, 35.5 FEET; TO LA QUINTA, 40 FEET; TO PORT ARANSAS, 6.1 FEET; TO JEWEL FULTON, 7.1 FEET. PROJECT DEPTHS: BAR CHANNEL, 47 FEET; REMAINDER OF PROJECT, 45 FEET, EXCEPT PORT ARANSAS CHANNEL, 12 FEET, AND JEWEL FULTON CANAL, 12 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1978----- | 54,678,296 | -----      | 1983----- | 39,131,318 | -----      |
| 1979----- | 55,597,104 | -----      | 1984----- | 46,081,197 | -----      |
| 1980----- | 45,001,096 | -----      | 1985----- | 62,682,399 | -----      |
| 1981----- | 41,980,354 | -----      | 1986----- | 50,104,579 | -----      |
| 1982----- | 37,974,192 | -----      | 1987----- | 53,539,800 | -----      |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                | TOTAL      | FOREIGN    |           | DOMESTIC  |            |           |           | LOCAL     |  |
|--|------------|------------|-----------|-----------|------------|-----------|-----------|-----------|--|
|  |            | IMPORTS    | EXPORTS   | COASTWISE |            | INTERNAL  |           |           |  |
|  |            |            |           | RECEIPTS  | SHIPMENTS  | RECEIPTS  | SHIPMENTS |           |  |
| TOTAL-----                               | 53,539,806 | 27,015,154 | 8,358,682 | 238,212   | 10,117,832 | 2,320,566 | 6,130,152 | 1,362,395 |  |
| 0101 COTTON, RAG-----                    | 15,391     | -----      | 12,311    | -----     | -----      | -----     | 3,200     | -----     |  |
| 0202 COKE-----                           | 62,862     | -----      | 41,403    | -----     | -----      | 1,379     | -----     | -----     |  |
| 0306 BOUGHUM GRAINS-----                 | 450,067    | -----      | 450,067   | -----     | -----      | -----     | -----     | -----     |  |
| 0307 WHEAT-----                          | 400,791    | -----      | 450,350   | -----     | -----      | -----     | 2,800     | -----     |  |
| 0412 COYDEA43-----                       | 1,420      | -----      | -----     | -----     | -----      | 1,420     | -----     | -----     |  |
| 0414 COCOA BEANS-----                    | 1,120      | 1,120      | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 0415 FRESH AND FROZEN VEGETABLES-----    | 155        | -----      | 155       | -----     | -----      | -----     | -----     | -----     |  |
| 0521 COPPER ORE AND CONCENTRATES-----    | 12,169     | -----      | 12,169    | -----     | -----      | -----     | -----     | -----     |  |
| 0591 ALUMINUM ORES, CONCENTRATES-----    | 8,740,659  | 5,747,606  | 995,323   | -----     | -----      | 1,730     | -----     | -----     |  |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 19,581     | 19,581     | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 1093 NONFERROUS ORED, CONCENT., NEC----- | 72,362     | 72,362     | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 1121 COAL AND LIGNITE-----               | 134,490    | -----      | 134,490   | -----     | -----      | -----     | -----     | -----     |  |
| 1311 CRUDE PETROLEUM-----                | 19,078,359 | 16,876,445 | -----     | 162,489   | 1,649,096  | 208,066   | 395,305   | 104,866   |  |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----     | 37,566     | -----      | -----     | -----     | -----      | 17,566    | -----     | -----     |  |
| 1451 CLAY-----                           | 84,566     | 84,566     | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 1493 SULPHUR, LIQUID-----                | 48,362     | -----      | -----     | -----     | -----      | -----     | 48,362    | -----     |  |
| 1499 NONMETALLIC MINERALS, NEC-----      | 17,466     | -----      | 12,993    | -----     | -----      | 4,451     | -----     | -----     |  |
| 2022 DRIED MILK AND CREAM-----           | 1,983      | -----      | 1,983     | -----     | -----      | -----     | -----     | -----     |  |
| 2031 FISH AND SHELLFISH, PREPARED-----   | 22         | -----      | -----     | 22        | -----      | -----     | -----     | -----     |  |
| 2034 VEGETABLES AND PREP., NEC-----      | 189        | -----      | 189       | -----     | -----      | -----     | -----     | -----     |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----       | 95,737     | -----      | 95,737    | -----     | -----      | -----     | -----     | -----     |  |
| 2042 ANIMAL FEEDS-----                   | 1,458      | -----      | -----     | -----     | -----      | 1,458     | -----     | -----     |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 5,807      | -----      | 3,732     | -----     | -----      | -----     | 2,075     | -----     |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 41,901     | 871        | 41,030    | -----     | -----      | -----     | -----     | -----     |  |
| 2211 BASIC TEXTILE PRODUCTS-----         | 36         | -----      | 36        | -----     | -----      | -----     | -----     | -----     |  |
| 2411 LUGS-----                           | 2,713      | -----      | 1,440     | -----     | -----      | 1,273     | -----     | -----     |  |
| 2511 FURNITURE AND FIXTURES-----         | 16         | 16         | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 2621 STANDARD NEWSPRINT PAPER-----       | 12,355     | 6,985      | -----     | -----     | -----      | 5,370     | -----     | -----     |  |
| 2810 SODIUM HYDROXIDE-----               | 327,884    | -----      | -----     | -----     | -----      | 327,884   | -----     | -----     |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 296,927    | -----      | 1,086     | -----     | -----      | 212,550   | 23,845    | 59,846    |  |
| 2813 ALCOHOLS-----                       | 577,048    | -----      | -----     | -----     | -----      | 442,026   | 123,023   | 11,199    |  |
| 2817 BENZENE AND TOLUENE-----            | 651,239    | -----      | 12,761    | -----     | -----      | 101,657   | 349,220   | 147,593   |  |
| 2819 BASIC CHEMICALS AND PROD., NEC----- | 2,188,350  | 673,873    | 119,027   | 63,155    | 214,706    | 114,168   | 1,001,876 | 1,345     |  |
| 2821 PLASTIC MATERIALS-----              | 167        | 145        | 22        | -----     | -----      | -----     | -----     | -----     |  |
| 2831 DRUGS-----                          | 19         | -----      | 19        | -----     | -----      | -----     | -----     | -----     |  |
| 2851 PAINTS-----                         | 1,298      | 1,298      | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 117,340    | 65,418     | -----     | -----     | -----      | 36,639    | 15,283    | -----     |  |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 6,012      | -----      | 6,012     | -----     | -----      | -----     | -----     | -----     |  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 2,986      | -----      | -----     | -----     | -----      | 2,986     | -----     | -----     |  |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 54,660     | 21,952     | 282       | -----     | -----      | 31,378    | 1,048     | -----     |  |
| 2911 GASOLINE-----                       | 8,523,717  | 7,251      | 234,428   | 256       | 4,903,288  | 70,644    | 3,129,399 | 178,451   |  |
| 2912 KEROSENE-----                       | 463,073    | -----      | 65,139    | -----     | 213,672    | -----     | 160,707   | 3,565     |  |
| 2914 DISTILLATE FUEL OIL-----            | 181,465    | -----      | -----     | -----     | 4,212      | 8,707     | 168,546   | -----     |  |
| 2915 RESIDUAL FUEL OIL-----              | 4,812,875  | 150,243    | 571,336   | -----     | 2,890,520  | 36,070    | 1,022,705 | 134,001   |  |
| 2916 LUBRICATING OILS AND GREASES-----   | 6,251,110  | 5,779,626  | 129,860   | 9,089     | 232,711    | 260,114   | 1,247,503 | 592,207   |  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 18,939     | -----      | 1,101     | -----     | 8,081      | -----     | 9,757     | -----     |  |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 1,574,096  | 1,215,886  | -----     | 3,201     | 1,544      | 191,061   | 101,793   | 60,611    |  |
| 2919 COKE, PETROLEUM COKE-----           | 159,489    | 10,048     | 3,541     | -----     | -----      | 26,759    | 104,677   | 14,264    |  |
| 2920 COKE, PETROLEUM COKE-----           | 1,097,306  | 94,501     | 926,382   | -----     | -----      | 3,000     | 73,423    | -----     |  |
| 2921 LIQUEFIED GASES-----                | 173,048    | 150,564    | -----     | -----     | -----      | 8,384     | 6,100     | -----     |  |
| 2991 PETROLEUM AND COAL PROD., NEC-----  | 260,595    | -----      | -----     | -----     | -----      | 80,459    | 135,071   | 45,065    |  |
| 3211 GLASS AND GLASS PRODUCTS-----       | 2          | 2          | -----     | -----     | -----      | 6,010     | -----     | -----     |  |
| 3241 BUILDING CEMENT-----                | 6,010      | -----      | 200       | -----     | -----      | -----     | 3,346     | -----     |  |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 3,546      | -----      | 200       | -----     | -----      | -----     | 1,809     | -----     |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 4,679      | 3,270      | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 857        | 725        | 132       | -----     | -----      | -----     | -----     | -----     |  |
| 3320 ALUMINUM AND ALLOYS, UNWORKED-----  | 1,362      | -----      | -----     | -----     | -----      | -----     | 1,362     | -----     |  |
| 3411 FABRICATED METL PRODUCITS-----      | 6,558      | 6,551      | 7         | -----     | -----      | -----     | -----     | -----     |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 1,803      | 15         | 1,588     | -----     | -----      | -----     | 200       | -----     |  |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 142        | 120        | 22        | -----     | -----      | -----     | -----     | -----     |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 89         | 22         | 67        | -----     | -----      | -----     | -----     | -----     |  |
| 3731 SHIPS AND BOATS-----                | 122        | -----      | 122       | -----     | -----      | -----     | -----     | -----     |  |
| 3811 INSTR, TIME, PHOTO, OPT GOOOS-----  | 145        | 29         | 116       | -----     | -----      | -----     | -----     | -----     |  |
| 4011 IRON AND STEEL SCRAP-----           | 5,700      | -----      | -----     | -----     | -----      | -----     | 5,700     | -----     |  |
| 4012 NONFERROUS METL SCRAP-----          | 6,532      | 6,532      | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 4111 WATER-----                          | 355        | -----      | -----     | -----     | -----      | 355       | -----     | -----     |  |
| 4112 COMMODITIES, NEC-----               | 1,555      | 1,551      | 4         | -----     | -----      | -----     | -----     | -----     |  |

TOTAL TON-MILES, 1,177,678,746.

GALVESTON, TX, DISTRICT

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TOTAL WATERBORNE COMMERCE OF THE CORPUS CHRISTI BAY AREA

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| LOCALITY                     | TOTAL      | FOREIGN    |           | DOMESTIC  |            |           |           | LOCAL     |  |
|------------------------------|------------|------------|-----------|-----------|------------|-----------|-----------|-----------|--|
|                              |            | IMPORTS    | EXPORTS   | COASTWISE |            | INTERNAL  |           |           |  |
|                              |            |            |           | RECEIPTS  | SHIPMENTS  | RECEIPTS  | SHIPMENTS |           |  |
| CORPUS CHRISTI, TEX.         | 51,239,602 | 25,061,834 | 4,358,682 | 238,212   | 10,117,832 | 2,331,922 | 7,804,916 | 1,326,206 |  |
| HARBOR ISLAND, TEX.          | 2,329,205  | 1,953,320  | -----     | -----     | -----      | 17,607    | 358,238   | -----     |  |
| TOTAL, UNADJUSTED            | 53,568,807 | 27,015,154 | 4,358,682 | 238,212   | 10,117,832 | 2,349,569 | 8,163,154 | 1,326,206 |  |
| ADJUSTMENT FOR LOCAL TRAFFIC | -29,001    | -----      | -----     | -----     | -----      | -29,001   | -29,001   | 29,001    |  |
| NET TOTAL, ALL TRAFFIC       | 53,539,806 | 27,015,154 | 4,358,682 | 238,212   | 10,117,832 | 2,320,568 | 8,134,153 | 1,326,206 |  |

\* INTERNAL TRAFFIC MOVED BETWEEN THE PORTS LOCATED IN THE CORPUS CHRISTI BAY AREA, WHILE TREATED AS RECEIPTS AND SHIP SEPARATE PORTS, IS CLASSIFIED AS LOCAL IN THE CONSOLIDATED STATEMENT.

HARBOR ISLAND, TEX.

SECTION INCLUDED: GULF OF MEXICO TO WEST END HUMBLE OIL BASIN, HARBOR ISLAND, ABOUT 4.7 MILES; CHANNEL TO PORT ARANSAS, ABOUT 0.4 MILE. CONTROLLING DEPTHS: BAR CHANNEL, 47.0 FEET; INSIDE CHANNEL, 43.5 FEET; TO PORT ARANSAS, 6.1 FEET. PROJECT DEPTHS: BAR CHANNEL, 47 FEET; INSIDE CHANNEL, 45 FEET; CHANNEL TO PORT ARANSAS, 12 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      |          |          | TONS      |
|-----------|-----------|-----------|----------|----------|-----------|
|           |           | FOREIGN   | DOMESTIC | INTERNAL |           |
| IMPORTS   | RECEIPTS  | SHIPMENTS |          |          |           |
| 1978----- | 8,207,418 | 1983----- | -----    | -----    | 1,700,598 |
| 1979----- | 9,384,532 | 1984----- | -----    | -----    | 1,854,868 |
| 1980----- | 5,980,348 | 1985----- | -----    | -----    | 1,661,643 |
| 1981----- | 2,868,208 | 1986----- | -----    | -----    | 2,066,196 |
| 1982----- | 1,807,904 | 1987----- | -----    | -----    | 2,326,206 |

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL     | YEAR      |          |          | TONS    |
|---|-----------|-----------|----------|----------|---------|
|   |           | FOREIGN   | DOMESTIC | INTERNAL |         |
| IMPORTS                                 | RECEIPTS  | SHIPMENTS |          |          |         |
| TOTAL-----                              | 2,329,205 | 1,953,320 | 17,607   | 358,238  | -----   |
| 1311 CRUDE PETROLEUM-----               | 2,145,516 | 1,816,163 | -----    | -----    | 329,353 |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 393       | -----     | 393      | -----    | -----   |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 6,657     | -----     | 6,657    | -----    | -----   |
| 2914 DISTILLATE FUEL OIL-----           | 26,326    | -----     | -----    | 6,500    | 21,826  |
| 2915 RESIDUAL FUEL OIL-----             | 147,121   | 137,157   | 5,005    | 4,159    | -----   |
| 4011 IRON AND STEEL SCRAP-----          | 2,900     | -----     | -----    | 2,900    | -----   |
| 4111 WATER-----                         | 292       | -----     | 292      | -----    | -----   |

CORPUS CHRISTI, TEX.

SECTION INCLUDED: HUMBLE OIL BASIN TO TURNING BASINS AT CORPUS CHRISTI, AT AVERY POINT, NEAR TULE LAKE, AND AT VIOLA, ABOUT 29.6 MILES; BRANCH CHANNEL TO LA QUINTA, ABOUT 5.6 MILES. CONTROLLING DEPTHS: BAY CHANNEL, 47.0 FEET; TO AVERY POINT, 42.0 FEET; TO VICINITY TULE LAKE, 46.5 FEET; TO VIOLA, 35.5 FEET; TO LA QUINTA, 40 FEET. PROJECT DEPTHS: 45 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      |          |          | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|----------|----------|------------|------------|
|           |            |            | FOREIGN   | DOMESTIC | INTERNAL |            |            |
| IMPORTS   | RECEIPTS   | SHIPMENTS  |           |          |          |            |            |
| 1978----- | 46,554,601 | -----      | 1983----- | -----    | -----    | 37,455,132 | -----      |
| 1979----- | 46,422,792 | -----      | 1984----- | -----    | -----    | 42,281,521 | -----      |
| 1980----- | 39,107,016 | -----      | 1985----- | -----    | -----    | 41,057,313 | -----      |
| 1981----- | 39,149,522 | -----      | 1986----- | -----    | -----    | 40,053,926 | 23         |
| 1982----- | 36,186,072 | -----      | 1987----- | -----    | -----    | 51,239,602 | -----      |

FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                             | TOTAL      | FOREIGN    |           | DOMESTIC  |            |           |           | LOCAL     |  |
|---------------------------------------|------------|------------|-----------|-----------|------------|-----------|-----------|-----------|--|
|                                       |            | IMPORTS    | EXPORTS   | COASTWISE |            | INTERNAL  |           |           |  |
|                                       |            |            |           | RECEIPTS  | SHIPMENTS  | RECEIPTS  | SHIPMENTS |           |  |
| TOTAL-----                            | 51,239,602 | 25,061,834 | 4,358,682 | 238,212   | 10,117,832 | 2,331,922 | 7,804,916 | 1,326,206 |  |
| 0101 COTTON, RAW-----                 | 15,591     | -----      | 12,311    | -----     | -----      | -----     | 3,280     | -----     |  |
| 0103 CORN-----                        | 42,862     | -----      | 41,683    | -----     | -----      | 1,379     | -----     | -----     |  |
| 0106 SORGHUM GRAINS-----              | 450,087    | -----      | 458,087   | -----     | -----      | -----     | -----     | -----     |  |
| 0107 WHEAT-----                       | 460,791    | -----      | 458,351   | -----     | -----      | -----     | 2,440     | -----     |  |
| 0111 SOYBEANS-----                    | 1,426      | -----      | -----     | -----     | -----      | 1,426     | -----     | -----     |  |
| 0134 COCOA BEANS-----                 | 1,120      | 1,120      | -----     | -----     | -----      | -----     | -----     | -----     |  |
| 0141 FRESH AND FROZEN VEGETABLES----- | 155        | -----      | 155       | -----     | -----      | -----     | -----     | -----     |  |
| 1021 COPPER ORE AND CONCENTRATES----- | 12,169     | -----      | 12,169    | -----     | -----      | -----     | -----     | -----     |  |
| 1051 ALUMINUM ORES, CONCENTRATES----- | 8,740,659  | 5,747,606  | 991,323   | -----     | -----      | 1,730     | -----     | -----     |  |

## Waterborne Commerce of the United States, 1987

CORPUS CHRISTI, TEX.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED  
(SHORT TONS)

| COMMODITY                               | TOTAL      | FOREIGN    |         | DOMESTIC |           |          |           | LOCAL   |  |
|---|------------|------------|---------|----------|-----------|----------|-----------|---------|--|
|   |            | COASTWISE  |         | INTERNAL |           |          |           |         |  |
|   |            | IMPORTS    | EXPORTS | RECEIPTS | SHIPMENTS | RECEIPTS | SHIPMENTS |         |  |
| 1061 MANGANESE URES, CONCENTRATES-----  | 19,581     | 19,581     | -----   | -----    | -----     | -----    | -----     | -----   |  |
| 1091 NONFERROUS ORES, CONCENT, NEC----- | 72,302     | 72,302     | -----   | -----    | -----     | -----    | -----     | -----   |  |
| 1121 COAL AND LIGNITE-----              | 134,409    | -----      | 134,409 | -----    | -----     | -----    | -----     | -----   |  |
| 1311 CRUDE PETROLEUM-----               | 17,328,643 | 15,000,282 | -----   | 162,489  | 1,649,098 | 284,064  | 66,002    | 306,900 |  |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----    | 17,566     | -----      | -----   | -----    | 17,566    | -----    | -----     | -----   |  |
| 1451 CLAY-----                          | 84,564     | 84,564     | -----   | -----    | -----     | -----    | -----     | -----   |  |
| 1493 SULPHUR, LIQUID-----               | 45,362     | -----      | -----   | -----    | -----     | -----    | 45,362    | -----   |  |
| 1499 NONMETALLIC MINERALS, NEC-----     | 17,440     | -----      | 12,993  | -----    | -----     | 4,451    | -----     | -----   |  |
| 2022 DRIED MILK AND CREAM-----          | 1,983      | -----      | 1,983   | -----    | -----     | -----    | -----     | -----   |  |
| 2031 FISH AND SHELLFISH, PREPARED-----  | 22         | -----      | -----   | 22       | -----     | -----    | -----     | -----   |  |
| 2034 VEGETABLES AND PREP, NEC-----      | 189        | -----      | 189     | -----    | -----     | -----    | -----     | -----   |  |
| 2041 WHEAT FLOUR AND SEMOLINA-----      | 95,737     | -----      | 95,737  | -----    | -----     | -----    | -----     | -----   |  |
| 2042 ANIMAL FEEDS-----                  | 1,458      | -----      | -----   | -----    | -----     | 1,458    | -----     | -----   |  |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 5,807      | -----      | 3,732   | -----    | -----     | -----    | 2,075     | -----   |  |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 41,901     | 871        | 41,030  | -----    | -----     | -----    | -----     | -----   |  |
| 2211 BASIC TEXTILE PRODUCTS-----        | 36         | -----      | 36      | -----    | -----     | -----    | -----     | -----   |  |
| 2411 LOGS-----                          | 2,713      | -----      | 1,440   | -----    | -----     | 1,273    | -----     | -----   |  |
| 2511 FURNITURE AND FIXTURES-----        | 16         | 16         | -----   | -----    | -----     | -----    | -----     | -----   |  |
| 2621 STANDARD NEWSPRINT PAPER-----      | 12,355     | 6,985      | -----   | -----    | -----     | 5,370    | -----     | -----   |  |
| 2810 SODIUM HYDROXIDE-----              | 327,884    | -----      | -----   | -----    | -----     | 327,884  | -----     | -----   |  |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 296,927    | -----      | 1,086   | -----    | -----     | 212,550  | 23,445    | 59,886  |  |
| 2013 ALCOHOLS-----                      | 577,048    | -----      | -----   | -----    | -----     | 442,826  | 123,023   | 11,199  |  |
| 2017 BENZENE AND TOLUENE-----           | 651,239    | -----      | 12,761  | -----    | -----     | 141,657  | 349,228   | 147,593 |  |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 2,187,957  | 673,873    | 119,027 | 63,155   | 218,706   | 113,775  | 1,001,876 | 1,545   |  |
| 2021 PLASTIC MATERIALS-----             | 167        | 145        | 22      | -----    | -----     | -----    | -----     | -----   |  |
| 2031 DRUGS-----                         | 19         | -----      | 19      | -----    | -----     | -----    | -----     | -----   |  |
| 2051 PAINTS-----                        | 1,298      | 1,298      | -----   | -----    | -----     | -----    | -----     | -----   |  |
| 2071 NITROGENOUS CHEM FERTILIZERS-----  | 110,603    | 65,410     | -----   | -----    | -----     | 29,982   | 15,283    | -----   |  |
| 2072 POTASSIC CHEM FERTILIZERS-----     | 6,012      | -----      | 6,012   | -----    | -----     | -----    | -----     | -----   |  |
| 2073 PHOSPHATIC CHEM FERTILIZERS-----   | 2,986      | -----      | -----   | -----    | -----     | 2,986    | -----     | -----   |  |
| 2091 MISCELLANEOUS CHEMICAL PROD-----   | 56,660     | 21,952     | 202     | -----    | -----     | 31,378   | 1,046     | -----   |  |
| 2091 GASOLINE-----                      | 8,523,717  | 7,251      | 236,428 | 256      | 8,903,288 | 70,684   | 3,129,399 | 178,451 |  |
| 2012 JET FUEL-----                      | 463,073    | -----      | 65,139  | -----    | 213,672   | -----    | 160,707   | 3,583   |  |
| 2013 KEROSENE-----                      | 161,865    | -----      | -----   | -----    | 6,212     | 8,707    | 165,546   | -----   |  |
| 2014 DISTILLATE FUEL OIL-----           | 4,809,745  | 158,283    | 571,336 | -----    | 2,890,520 | 58,766   | 1,024,075 | 110,803 |  |
| 2015 RESIDUAL FUEL OIL-----             | 6,109,794  | 3,662,469  | 129,860 | 9,089    | 232,711   | 260,114  | 1,249,149 | 586,402 |  |
| 2016 LUBRICATING OILS AND GREASES-----  | 16,939     | -----      | 1,101   | -----    | -----     | 8,081    | 9,757     | -----   |  |
| 2017 NAPHTHA, PETROLEUM SOLVENTS-----   | 1,574,098  | 1,215,686  | -----   | 3,201    | 1,544     | 191,061  | 101,793   | 60,011  |  |
| 2018 ASPHALT, TAR, AND PITCHES-----     | 159,489    | 10,048     | 3,541   | -----    | -----     | 26,959   | 104,677   | 14,264  |  |
| 2020 COKE, PETROLEUM COKE-----          | 1,097,306  | 94,501     | 926,382 | -----    | -----     | 3,000    | 73,823    | -----   |  |
| 2021 LIQUEFIED GASES-----               | 173,048    | 150,584    | -----   | -----    | -----     | 8,384    | 6,100     | -----   |  |
| 2091 PETROLEUM AND COAL PROD, NEC-----  | 260,595    | -----      | -----   | -----    | -----     | 80,459   | 135,071   | 45,065  |  |
| 3211 GLASS AND GLASS PRODUCTS-----      | 2          | 2          | -----   | -----    | -----     | -----    | -----     | -----   |  |
| 3201 BUILDING CEMENT-----               | 6,010      | -----      | -----   | -----    | -----     | 6,010    | -----     | -----   |  |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 3,546      | -----      | 200     | -----    | -----     | -----    | 3,346     | -----   |  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 4,679      | 3,270      | -----   | -----    | -----     | -----    | 1,409     | -----   |  |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 657        | 725        | 132     | -----    | -----     | -----    | -----     | -----   |  |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 1,362      | -----      | -----   | -----    | -----     | -----    | 1,362     | -----   |  |
| 3411 FABRICATED METAL PRODUCTS-----     | 6,558      | 6,551      | 7       | -----    | -----     | -----    | -----     | -----   |  |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 1,603      | 15         | 1,588   | -----    | -----     | -----    | 200       | -----   |  |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 142        | 120        | 22      | -----    | -----     | -----    | -----     | -----   |  |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 89         | 22         | 67      | -----    | -----     | -----    | -----     | -----   |  |
| 3731 SHIPS AND BOATS-----               | 122        | -----      | 122     | -----    | -----     | -----    | -----     | -----   |  |
| 3811 INSTR, TIME, PHOTO, OPT GOODY----- | 145        | 29         | 116     | -----    | -----     | -----    | -----     | -----   |  |
| 4011 IRON AND STEEL SCRAP-----          | 2,800      | -----      | -----   | -----    | -----     | -----    | 2,800     | -----   |  |
| 4012 NONFERROUS METAL SCRAP-----        | 6,532      | 6,532      | -----   | -----    | -----     | -----    | -----     | -----   |  |
| 4111 MATER-----                         | 63         | -----      | -----   | -----    | -----     | 63       | -----     | -----   |  |
| 4112 COMMODITIES, NEC-----              | 1,555      | 1,551      | 4       | -----    | -----     | -----    | -----     | -----   |  |

## TRIBUTARY ARROYO COLORADO, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO PORT HARLINGEN, TEX., ABOUT 26 MILES. CONTROLLING DEPTHS 11.0 FEET. PROJECT DEPTHS 12 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 716,122 | 1983----- | 702,242 |
| 1979----- | 666,223 | 1984----- | 801,003 |
| 1980----- | 623,292 | 1985----- | 692,170 |
| 1981----- | 655,127 | 1986----- | 668,733 |
| 1982----- | 562,969 | 1987----- | 710,645 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                            | TOTAL   | INTERNAL |          |
|--------------------------------------|---------|----------|----------|
|                                      |         | INBOUND  | OUTBOUND |
| TOTAL-----                           | 710,645 | 610,671  | 107,974  |
| 1062 SAND, GRAVEL, CRUSHED ROCK----- | 79,005  | 79,005   | -----    |
| 2042 ANIMAL FEEDS-----               | 2,878   | -----    | 2,878    |
| 2061 SUGAR-----                      | 89,817  | -----    | 89,817   |

## GALVESTON, TX, DISTRICT

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## TRIBUTARY ARROYO COLORADO, TEX.--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## DOMESTIC--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |          |
|---|---------|----------|----------|
|   |         | INBOUND  | OUTBOUND |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 56,691  | 56,691   | -----    |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 8,964   | 8,964    | -----    |
| 2911 GASOLINE-----                      | 444,524 | 444,524  | -----    |
| 2914 DISTILLATE FUEL OIL-----           | 21,487  | 21,487   | -----    |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 11,461  | -----    | 11,461   |
| 4011 IRON AND STEEL SCRAP-----          | 3,018   | -----    | 3,018    |
| TOTAL TON-MILES, 18,014,480,            |         |          |          |

## BRAZOS ISLAND HARBOR, TEX. (BROWNSVILLE AND PORT ISABEL, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO TURNING BASINS AT PORT ISABEL, TEX., ABOUT 6 MILES, AND NEAR BROWNSVILLE, TEX., ABOUT 19 MILES; BROWNSVILLE FISHING BOAT HARBOR, ABOUT 1.2 MILES; GULF INTRACOASTAL WATERWAY SIDE CHANNELS, 1.3 MILES; PORT ISABEL SMALL BOAT HARBOR, ABOUT 2 MILES. CONTROLLING DEPTHS: BAR CHANNEL, 38 FEET; BAY CHANNEL, 37 FEET; TO PORT ISABEL, 38 FEET; TO NEAR BROWNSVILLE, 37 FEET; SIDE CHANNELS, 12.0 FEET, FISHING BOAT HARBOR, 14.0 FEET, SMALL BOAT HARBOR, 5.0 FEET. PROJECT DEPTHS: BAR CHANNEL, 38 FEET, REMAINDER OF PROJECT, 36 FEET; EXCEPT SIDE CHANNELS, 12 FEET; FISHING BOAT HARBOR, 15 FEET; AND SMALL BOAT HARBOR, 7 AND 6 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|-----------|------------|-----------|-----------|------------|
| 1978----- | 2,408,741 | -----      | 1983----- | 1,623,308 | -----      |
| 1979----- | 2,816,097 | -----      | 1984----- | 1,739,203 | -----      |
| 1980----- | 2,874,661 | -----      | 1985----- | 1,722,368 | -----      |
| 1981----- | 3,123,054 | -----      | 1986----- | 1,508,456 | -----      |
| 1982----- | 2,507,988 | -----      | 1987----- | 1,532,828 | -----      |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN |         | DOMESTIC  |          |
|---|-----------|---------|---------|-----------|----------|
|   |           | IMPORTS | EXPORTS | COASTWISE | INTERNAL |
|   |           |         |         | SHIPMENTS | RECEIPTS |
| TOTAL-----                              | 1,532,828 | 135,396 | 239,214 | 55,227    | 840,737  |
| 0106 SORGHUM GRAINS-----                | 81,385    | -----   | 81,385  | -----     | -----    |
| 0133 COFFEE-----                        | 56        | -----   | 56      | -----     | -----    |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----  | 6,223     | 6,223   | -----   | -----     | -----    |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 181       | -----   | -----   | 181       | -----    |
| 1011 IRON ORE AND CONCENTRATES-----     | 6,533     | 6,533   | -----   | -----     | -----    |
| 1051 ALUMINUM DRES, CONCENTRATES-----   | 44,411    | 38,107  | -----   | 6,304     | -----    |
| 1061 MANGANESE DRES, CONCENTRATES-----  | 55,936    | 30,148  | -----   | 24,405    | 1,383    |
| 1091 NONFERROUS DRES, CONCENT, NEC----- | 9,291     | 7,892   | -----   | 1,399     | -----    |
| 1311 CRUDE PETROLEUM-----               | 207,357   | -----   | -----   | -----     | 207,357  |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----    | 86,626    | -----   | 34      | -----     | 86,592   |
| 1451 CLAY-----                          | 31,854    | 23,337  | 551     | 7,91      | -----    |
| 1493 SULPHUR, LIQUID-----               | 19,974    | -----   | -----   | 19,974    | -----    |
| 1499 NONMETALLIC MINERALS, NEC-----     | 21,625    | -----   | -----   | 10,355    | 11,270   |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----  | 11,666    | -----   | 11,666  | -----     | -----    |
| 2039 PREP FRUIT AND VEG JUICE, NEC----- | 5,752     | 866     | 4,886   | -----     | -----    |
| 2042 ANIMAL FEEDS-----                  | 3,084     | -----   | 3,084   | -----     | -----    |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 6,677     | 6,677   | -----   | -----     | -----    |
| 2211 BASIC TEXTILE PRODUCTS-----        | 87        | 87      | -----   | -----     | -----    |
| 2491 WOOD MANUFACTURES, NEC-----        | 1         | 1       | -----   | -----     | -----    |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 1         | 1       | -----   | -----     | -----    |
| 2813 ALCOHOLS-----                      | 2,722     | -----   | -----   | 2,722     | -----    |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 94,986    | -----   | 83,973  | 9,569     | 1,484    |
| 2822 SYNTHETIC RUBBER-----              | 1,000     | -----   | -----   | 1,000     | -----    |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 8,507     | -----   | -----   | 8,507     | -----    |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 4         | -----   | 4       | -----     | -----    |
| 2911 GASOLINE-----                      | 356,501   | -----   | -----   | 356,501   | -----    |
| 2912 JET FUEL-----                      | 62,480    | -----   | 55,227  | -----     | 7,253    |
| 2914 DISTILLATE FUEL OIL-----           | 96,571    | -----   | -----   | 96,571    | -----    |
| 2915 RESIDUAL FUEL OIL-----             | 6,895     | -----   | -----   | 2,153     | 4,742    |
| 2916 LUBRICATING OILS AND GREASES-----  | 151,598   | 12,418  | -----   | 139,180   | -----    |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 1,400     | -----   | -----   | 1,400     | -----    |
| 3241 BUILDING CEMENT-----               | 631       | -----   | 631     | -----     | -----    |
| 3281 CUT STONE AND STONE PRODUCTS-----  | 24        | 24      | -----   | -----     | -----    |
| 3291 MISCELLANEOUS CHEMICAL PROD-----   | 1         | 1       | -----   | -----     | -----    |
| 3311 PIG IRON-----                      | 5,049     | 349     | -----   | 4,700     | -----    |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 2,769     | -----   | -----   | 1,503     | 1,266    |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 34,692    | 1,033   | 6       | 25,493    | 8,160    |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 67,548    | -----   | 51,366  | 12,356    | 3,826    |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 2,145     | -----   | -----   | -----     | 2,145    |
| 3321 NONFERROUS METALS, NEC-----        | 1,552     | -----   | -----   | -----     | 1,552    |
| 3322 COPPER ALLOYS, UNWORKED-----       | 1,266     | 1,266   | -----   | -----     | -----    |
| 3411 FABRICATED METAL PRODUCTS-----     | 1,580     | 402     | 1,178   | -----     | -----    |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 17        | -----   | 17      | -----     | -----    |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 34        | 29      | 5       | -----     | -----    |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 370       | -----   | 370     | -----     | -----    |
| 3731 SHIPS AND BOATS-----               | 2         | -----   | 2       | -----     | -----    |
| 4011 IRON AND STEEL SCRAP-----          | 14,212    | -----   | -----   | 2,356     | 11,856   |
| 4112 COMMODITIES, NEC-----              | 2         | 2       | 2       | -----     | -----    |
| 4119 WATERWAY IMPROVEMENT MAT-----      | 19,550    | -----   | -----   | 19,550    | -----    |

## Waterborne Commerce of the United States, 1987

## SUMMARY OF TRAFFIC, BRAZOS ISLAND HARBOR, TEX. (BROWNSVILLE AND PORT ISABEL, TEX.)

(SHORT TONS)

| LOCALITY  | TOTAL     | FOREIGN |         | DOMESTIC  |           |          |           |
|---|-----------|---------|---------|-----------|-----------|----------|-----------|
|   |           | IMPORTS | EXPORTS | COASTWISE |           | INTERNAL |           |
|   |           |         |         | RECEIPTS  | SHIPMENTS | RECEIPTS | SHIPMENTS |
| BROWNSVILLE, TEX.   | 1,234,039 | 135,396 | 239,109 | 55,227    | 749,810   | 54,897   |           |
| PORT ISABEL, TEX.   | 298,789   | -----   | 105     | -----     | 91,327    | 27,357   |           |
| NET TOTAL, ALL TRAFFIC                                      | 1,532,828 | 135,396 | 239,214 | 55,227    | 840,737   | 82,254   |           |
| TOTAL TONNAGE THROUGH JETTIES AT BRAZOS-SANTIAGO PASS, TEX. | 1,272,574 | -----   | -----   | -----     | -----     | -----    | -----     |

## PORT ISABEL, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO PORT ISABEL, TEX., ABOUT 6 MILES; GULF INTRACOASTAL WATERWAY SIDE CHANNELS, 1.3 MILES, SMALL BOAT HARBOR, ABOUT 2 MILES, CONTROLLING DEPTH: BAR CHANNEL, 34 FEET; INSIDE CHANNEL, 37 FEET; SIDE CHANNELS, 12.0 FEET; SMALL BOAT HARBOR, 5.0 FEET, PROJECT DEPTH: BAR CHANNEL, 38 FEET; INSIDE CHANNEL, 36 FEET; SIDE CHANNELS 12 FEET; PORT ISABEL SMALL BOAT HARBOR 7 AND 6 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 245,151 | 1983----- | 284,750 |
| 1979----- | 308,021 | 1984----- | 257,781 |
| 1980----- | 304,964 | 1985----- | 279,578 |
| 1981----- | 313,036 | 1986----- | 291,713 |
| 1982----- | 307,056 | 1987----- | 298,789 |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                              | TOTAL   | FOREIGN |          | DOMESTIC  |          |
|--|---------|---------|----------|-----------|----------|
|  |         | EXPORTS | RECEIPTS | SHIPMENTS | INTERNAL |
| TOTAL-----                             | 298,789 | 105     | 91,327   | 207,357   |          |
| 0912 SHELLFISH, EXCEPT PREPARED-----   | 181     | -----   | 181      | -----     |          |
| 1311 CRUDE PETROLEUM-----              | 207,357 | -----   | -----    | 207,357   |          |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----   | 82,639  | -----   | 82,639   | -----     |          |
| 2871 NITROGENOUS CHEM FERTILIZERS----- | 8,507   | -----   | 8,507    | -----     |          |
| 3411 FABRICATED METAL PRODUCTS-----    | 105     | 105     | -----    | -----     |          |

## BROWNSVILLE, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO NEAR BROWNSVILLE, TEX., ABOUT 16 MILES; BROWNSVILLE FISHING BOAT HARBOR, ABOUT 1.2 MILES, CONTROLLING DEPTHS: BAR CHANNEL, 34 FEET; INSIDE CHANNEL, 39 FEET; FISHING BOAT HARBOR, 18.0 FEET, PROJECT DEPTH: BAR CHANNEL, 38 FEET; REMAINDER OF PROJECT, 36 FEET; EXCEPT BROWNSVILLE FISHING BOAT HARBOR, 15 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | PASSENGERS | YEAR      | TONS      | PASSENGERS |
|-----------|-----------|------------|-----------|-----------|------------|
| 1978----- | 2,163,590 | -----      | 1983----- | 1,338,550 | -----      |
| 1979----- | 2,508,076 | -----      | 1984----- | 1,481,422 | -----      |
| 1980----- | 2,569,697 | -----      | 1985----- | 1,442,791 | -----      |
| 1981----- | 2,810,018 | -----      | 1986----- | 1,212,743 | -----      |
| 1982----- | 2,200,132 | -----      | 1987----- | 1,234,039 | -----      |

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                                    | TOTAL     | FOREIGN |         | DOMESTIC  |          |
|--|-----------|---------|---------|-----------|----------|
|  |           | IMPORTS | EXPORTS | COASTWISE | INTERNAL |
| TOTAL-----                                   | 1,234,039 | 135,396 | 239,109 | 55,227    | 749,810  |
| 0106 BORGHUM GRAINS-----                     | 81,385    | -----   | 81,385  | -----     | -----    |
| 0133 COFFEE-----                             | 56        | -----   | 56      | -----     | -----    |
| 0841 CRUDE RUBBER AND ALLIED COMPS-----      | 6,223     | 6,223   | -----   | -----     | -----    |
| 1011 IRON ORE AND CONCENTRATES-----          | 6,533     | 6,533   | -----   | -----     | -----    |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 44,411    | 30,107  | -----   | 6,304     | -----    |
| 1061 MANGANESE ORES, CONCENTRATES-----       | 55,936    | 30,148  | -----   | 26,805    | 1,383    |
| 1091 NONFERROUS ORES, CONCENTRATES, VEC----- | 9,291     | 7,892   | -----   | 1,399     | -----    |
| 1402 SAND, GRAVEL, CRUSHED ROCK-----         | 3,987     | -----   | 34      | -----     | 3,053    |
| 1451 CLAY-----                               | 31,854    | 23,537  | 551     | -----     | 7,966    |
| 1493 SULPHUR, LIQUID-----                    | 19,974    | -----   | -----   | 19,974    | -----    |
| 1499 NONMETALLIC MINERALS, NEC-----          | 21,625    | -----   | -----   | 10,355    | 11,270   |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----       | 11,666    | -----   | 11,666  | -----     | -----    |
| 2039 PREP FRUIT AND VEG JUICE, VEC-----      | 5,752     | 866     | 8,886   | -----     | -----    |
| 2042 ANIMAL FEEDS-----                       | 3,084     | -----   | 3,084   | -----     | -----    |
| 2071 VEGETABLE OILS, VANG, SHORT-----        | 6,677     | 6,677   | -----   | -----     | -----    |
| 2211 BASIC TEXTILE PRODUCTS-----             | 87        | 87      | -----   | -----     | -----    |
| 2491 MOOD MANUFACTURES, NEC-----             | 1         | 1       | -----   | -----     | -----    |

## GALVESTON, TX, DISTRICT

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BROWNSVILLE, TEX. (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1967--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | FOREIGN |         | DOMESTIC  |          |           |
|---|---------|---------|---------|-----------|----------|-----------|
|   |         | IMPORTS | EXPORTS | COASTWISE | INTERNAL | SHIPMENTS |
|   |         |         |         | SHIPMENTS | RECEIPTS |           |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 1       | 1       | -----   | -----     | -----    | -----     |
| 2813 ALCOHOLS-----                      | 2,722   | -----   | -----   | -----     | 2,722    | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 98,986  | -----   | 83,973  | -----     | 9,569    | 1,444     |
| 2822 SYNTHETIC RUBBER-----              | 1,000   | -----   | -----   | -----     | 1,000    | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----   | 4       | -----   | 4       | -----     | -----    | -----     |
| 2911 GASOLINE-----                      | 356,501 | -----   | -----   | -----     | 356,501  | -----     |
| 2912 JET FUEL-----                      | 62,480  | -----   | -----   | 55,227    | -----    | 7,253     |
| 2914 DISTILLATE FUEL OIL-----           | 96,571  | -----   | -----   | -----     | 96,571   | -----     |
| 2915 RESIDUAL FUEL OIL-----             | 6,895   | -----   | -----   | -----     | 2,153    | 4,742     |
| 2916 LUBRICATING OILS AND GREASES-----  | 151,598 | 12,418  | -----   | -----     | 139,180  | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 1,400   | -----   | -----   | -----     | 1,400    | -----     |
| 3241 BUILDING CEMENT-----               | 631     | -----   | 631     | -----     | -----    | -----     |
| 3281 CUT STONE AND STONE PRODUCTS-----  | 24      | 24      | -----   | -----     | -----    | -----     |
| 3291 41SC NONMETALLIC MINERAL PROD----- | 1       | 1       | -----   | -----     | -----    | -----     |
| 3311 PIG IRON-----                      | 5,049   | 349     | -----   | -----     | 4,700    | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 2,769   | -----   | -----   | -----     | 1,503    | 1,266     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 34,692  | 1,033   | 6       | -----     | 25,493   | 8,160     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 67,588  | -----   | 51,366  | -----     | 12,356   | 3,826     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 2,145   | -----   | -----   | -----     | -----    | 2,145     |
| 3321 NONFERROUS METALS, NEC-----        | 1,552   | -----   | -----   | -----     | -----    | 1,552     |
| 3322 COPPER ALLOYS, UNWORKED-----       | 1,266   | 1,266   | -----   | -----     | -----    | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 1,475   | 402     | 1,073   | -----     | -----    | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 17      | -----   | 17      | -----     | -----    | -----     |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 34      | 29      | 5       | -----     | -----    | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 370     | -----   | 370     | -----     | -----    | -----     |
| 3731 SHIPS AND BOATS-----               | 2       | -----   | 2       | -----     | -----    | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 14,212  | -----   | -----   | -----     | 2,356    | 11,856    |
| 4112 COMMODITIES, NEC-----              | 2       | 2       | -----   | -----     | -----    | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 19,550  | -----   | -----   | -----     | 19,550   | -----     |

## Waterborne Commerce of the United States, 1987

## OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY                     | COMMODITY  | TONS  | TOTAL<br>TON-MILES   | PASSENGERS |
|--|--|---|--|------------|
| PROJECT                                |  |   |  |            |
| ANAHUAC CHANNEL, TEX.                  | 2871 NITROGENOUS CHEM FERTILIZERS-----   | 2,850   | 14,250   | -----      |
| CEDAR BAYOU, TEX.                      | 1442 SAND, GRAVEL, CRUSHED ROCK-----<br>2810 SODIUM HYDROXIDE-----<br>2817 BENZENE AND TOLUENE-----<br>2819 BASIC CHEMICALS AND PROD, NEC-----<br>3314 IRON AND STEEL PRIMARY FORMS-----<br>3319 IRON AND STEEL PRODUCTS, NEC-----<br>4011 IRON AND STEEL SCRAP-----   | 64,292<br>75,189<br>40,130<br>50,202<br>1,511<br>524<br>15,237                                  | -----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----  | -----      |
|  | TOTAL-----   | 207,093   | 1,003,720  | -----      |
| CHANNEL TO ARANSAS PASS, TEX.          | 0912 SHELLFISH, EXCEPT PREPARED-----<br>1451 CLAY-----<br>2914 DISTILLATE FUEL OIL-----<br>3241 BUILDING CEMENT-----<br>3317 IRON AND STEEL PIPE AND TUBE-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----<br>4111 WATER-----  | 7661<br>2,409<br>648<br>779<br>1,257<br>814<br>7,772  | -----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----  | -----      |
|  | TOTAL-----   | 14,445  | 36,635   | -----      |
| CHANNEL TO PALACIOS, TEX.              | NO COMMERCE REPORTED   |   |  |            |
| CHANNEL TO PORT BOLIVAR, TEX.          | -----  |   |  | 12,384,528 |
| CLEAR CREEK, TEX.                      | NO COMMERCE REPORTED   |   |  |            |
| DOUBLE BAYOU, TEX.                     | NO COMMERCE REPORTED   |   |  |            |
| PORT MANSFIELD, TEX.                   | 0911 FRESH FISH, EXCEPT SHELLFISH-----<br>0912 SHELLFISH, EXCEPT PREPARED-----<br>1442 SAND, GRAVEL, CRUSHED ROCK-----<br>1451 CLAY-----<br>1499 NONMETALLIC MINERALS, NEC-----<br>2099 MISCELLANEOUS FOOD PRODUCTS-----<br>2819 BASIC CHEMICALS AND PROD, NEC-----<br>2914 DISTILLATE FUEL OIL-----<br>2916 LUBRICATING OILS AND GREASES-----<br>3241 BUILDING CEMENT-----<br>3317 IRON AND STEEL PIPE AND TUBE-----<br>3511 MACHINERY, EXCEPT ELECTRICAL-----<br>3911 MISC MANUFACTURED PRODUCTS-----<br>4029 WASTE AND SCRAP, NEC-----<br>4111 WATER----- | 39<br>70<br>46<br>25<br>505<br>24<br>279<br>102<br>22<br>562<br>497<br>739<br>185<br>8<br>6,846 | -----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>-----<br>----- | -----      |
|  | TOTAL-----   | 11,949  | 16,759   | -----      |
| ROCKPORT, TEX.                         | 1442 SAND, GRAVEL, CRUSHED ROCK-----   | 23,674  | 71,022   | -----      |
| TRINITY RIVER CHANNEL TO LIBERTY, TEX. | 2871 NITROGENOUS CHEM FERTILIZERS-----   | 2,850   | 108,300  | -----      |

# MISSISSIPPI RIVER

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## MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES (CONSOLIDATED REPORT)

SECTION INCLUDED: MINNEAPOLIS, MINN., TO MOUTH OF PASSES. FOR NAVIGATION SEASONS, CONTROLLING AND PROJECT DEPTHS SEE TABLES OF INDIVIDUAL STRETCHES LISTED SEPARATELY.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS | YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS |
|-----------|-----------------------|---------------|--------------|------------|-----------|-----------------------|---------------|--------------|------------|
| 1978----- | 413,065,660           | -----         | 413,065,660  | 2,025,602  | 1983----- | 392,135,433           | -----         | 392,135,433  | 1,596,070  |
| 1979----- | 450,170,679           | -----         | 450,170,679  | 1,178,330  | 1984----- | 397,346,066           | -----         | 397,346,066  | 1,579,295  |
| 1980----- | 441,544,078           | -----         | 441,544,078  | 1,249,455  | 1985----- | 383,964,109           | -----         | 383,964,109  | 3,207,349  |
| 1981----- | 446,382,354           | -----         | 446,382,354  | 967,494    | 1986----- | 399,943,883           | -----         | 399,943,883  | 3,611,540  |
| 1982----- | 407,548,656           | -----         | 407,548,656  | 1,361,080  | 1987----- | 425,004,518           | -----         | 425,004,518  | 2,908,411  |

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

### ADDITIONAL TRAFFIC - CAR FERRY TRAFFIC

|   | EASTBOUND | WESTBOUND |
|---|-----------|-----------|
| NUMBER OF EMPTY CARS TRANSPORTED-----   | -----     | -----     |
| NUMBER OF LOADED CARS TRANSPORTED-----  | -----     | -----     |
| NUMBER OF TRIPS, DRAFT 4 TO 9 FEET----- | -----     | -----     |

### FREIGHT TRAFFIC, 1987

#### OCEANGOING

(SHORT TONS)

| COMMODITY                                    | TOTAL       | FOREIGN    |            |         |           | DOMESTIC<br>COASTWISE |            |         |           |
|--|-------------|------------|------------|---------|-----------|-----------------------|------------|---------|-----------|
|  |             | IMPORTS    | EXPORTS    | THROUGH |           | RECEIPTS              | SHIPMENTS  | THROUGH |           |
|  |             |            |            | UPBOUND | DOWNBOUND |                       |            | UPBOUND | DOWNBOUND |
| TOTAL-----                                   | 169,222,369 | 38,066,114 | 93,631,870 | 20,952  | 56,686    | 17,801,891            | 19,440,815 | 140,023 | 64,818    |
| 0101 COTTON, RAW-----                        | 16,598      | -----      | 16,132     | -----   | 466       | -----                 | -----      | -----   | -----     |
| 0102 BARLEY AND RYE-----                     | 120,903     | -----      | 120,903    | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0103 CORN-----                               | 31,113,974  | 40         | 30,956,650 | -----   | -----     | -----                 | 157,284    | -----   | -----     |
| 0104 OATS-----                               | 244,651     | 242,190    | 120        | -----   | -----     | -----                 | 2,341      | -----   | -----     |
| 0105 RICE-----                               | 806,768     | -----      | 806,768    | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0106 SORGHUM GRAINS-----                     | 2,284,549   | -----      | 2,284,549  | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0107 WHEAT-----                              | 5,488,034   | -----      | 5,290,310  | -----   | -----     | -----                 | 197,724    | -----   | -----     |
| 0111 SOYBEANS-----                           | 18,955,176  | -----      | 18,952,259 | -----   | -----     | -----                 | 2,917      | -----   | -----     |
| 0119 OILSEEDS, NEC-----                      | 2,518       | 30         | 2,486      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0121 TOBACCO, LEAF-----                      | 610         | 179        | 431        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0129 FIELD CROPS, NEC-----                   | 7,829       | 188        | 7,641      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0131 FRESH FRUITS-----                       | 476         | 21         | 455        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0133 COFFEE-----                             | 155,234     | 147,911    | 5,767      | 1,556   | -----     | -----                 | -----      | -----   | -----     |
| 0134 COCOA BEANS-----                        | 26          | -----      | 26         | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0141 FRESH AND FROZEN VEGETABLES-----        | 9,561       | 431        | 9,130      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0161 ANIMALS AND PRODUCTS, NEC-----          | 3,543       | 301        | 3,242      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0191 MISCELLANEOUS FARM PRODUCTS-----        | 213         | 141        | 72         | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0841 CRUDE RUBBER AVU ALLIED GU'S-----       | 223,693     | 219,140    | 4,553      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0861 FOREST PRODUCTS, NEC-----               | 1,468       | 1,261      | 207        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 508         | 134        | 174        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 162         | 83         | 79         | -----   | -----     | -----                 | -----      | -----   | -----     |
| 0931 MARINE SHELLS, UNMANUFACTURED-----      | 11          | 11         | -----      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1011 IRON ORE AND CONCENTRATES-----          | 1,749,053   | 1,749,053  | -----      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1021 COPPER ORE AND CONCENTRATES-----        | 60,592      | -----      | 60,592     | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 3,351,017   | 3,343,927  | 7,053      | -----   | 37        | -----                 | -----      | -----   | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----       | 225,970     | 225,970    | -----      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 133,885     | 126,274    | 7,611      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1121 COAL AND LIGNITE-----                   | 14,524,521  | 422,590    | 7,628,145  | -----   | 2,523     | -----                 | 6,471,263  | -----   | -----     |
| 1311 CRUDE PETROLEUM-----                    | 20,535,633  | 18,663,627 | -----      | -----   | -----     | -----                 | 9,745,015  | 126,991 | -----     |
| 1412 BUILDING STONE, UNWORKED-----           | 51          | -----      | 51         | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----         | 9,174       | 6,511      | 2,063      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1451 CLAY-----                               | 244,844     | 214,713    | 30,131     | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1471 PHOSPHATE ROCK-----                     | 6,156,362   | 540,781    | 349        | -----   | -----     | -----                 | 5,615,232  | -----   | -----     |
| 1492 SULPHUR, DRY-----                       | 15,518      | -----      | 15,518     | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1493 SULPHUR, LIQUID-----                    | 2,020,992   | -----      | -----      | -----   | -----     | 7,318                 | 2,013,678  | -----   | -----     |
| 1494 GYPSUM, CRUDE AND PLASTERS-----         | 318,968     | 318,461    | 507        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----          | 296,962     | 286,804    | 10,098     | -----   | -----     | -----                 | -----      | -----   | -----     |
| 1911 ORDNANCE AND ACCESSORIES-----           | 270         | 233        | 37         | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----       | 3,260       | 1,519      | 1,741      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2012 MEAT AND PRODUCTS, NEC-----             | 13,547      | 13,296     | 251        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 362,630     | -----      | 352,970    | -----   | -----     | -----                 | 9,000      | -----   | -----     |
| 2015 ANIMAL BY-PRODUCTS, NEC-----            | 441         | 154        | 287        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2021 DAIRY PRODUCTS, NEC-----                | 621         | 40         | 581        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2022 DRIED MILK AND CREAM-----               | 7,892       | -----      | 7,892      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2031 FISH AND SHELLFISH, PREPARED-----       | 1,438       | 1,373      | 65         | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2034 VEGETABLES AND PREP, NEC-----           | 9,257       | 2,872      | 6,385      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2039 PREP FRUIT AND VEG JUICE, NEC-----      | 2,684       | 2,525      | 159        | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2041 MEAT FLOUR AND SEMOLINA-----            | 48,795      | -----      | 48,795     | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2042 ANIMAL FEEDS-----                       | 8,686,148   | 13,554     | 8,625,800  | -----   | -----     | 33,036                | 13,760     | -----   | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC-----           | 5,656,535   | 144        | 5,621,547  | -----   | -----     | -----                 | 37,044     | -----   | -----     |
| 2061 SUGAR-----                              | 660,666     | 163,727    | 530,678    | -----   | -----     | 166,265               | -----      | -----   | -----     |
| 2062 MOLASSES-----                           | 338,835     | 338,835    | -----      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2081 ALCOHOLIC BEVERAGES-----                | 12,226      | 7,970      | 4,233      | -----   | 23        | -----                 | -----      | -----   | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT-----        | 1,297,405   | 367,125    | 906,332    | -----   | -----     | -----                 | 2,948      | -----   | -----     |
| 2092 ANIMAL OILS AND FATS, NEC-----          | 106,390     | 33         | 106,357    | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2095 ICE-----                                | 1,047       | 1,047      | -----      | -----   | -----     | -----                 | -----      | -----   | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----        | 88,620      | 12,240     | 76,380     | -----   | -----     | -----                 | -----      | -----   | -----     |

## Waterborne Commerce of the United States, 1987

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES  
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

## OCEANGOING--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL     | FOREIGN   |           |         |           | DOMESTIC<br>COASTWISE |           |         |           |
|--|-----------|-----------|-----------|---------|-----------|-----------------------|-----------|---------|-----------|
|  |           | IMPORTS   | EXPORTS   | THROUGH |           | RECEIPTS              | SHIPMENTS | THROUGH |           |
|  |           |           |           | UPBOUND | DOWNBOUND |                       |           | UPBOUND | DOWNBOUND |
| 2111 TOBACCO MANUFACTURES-----           | 144       | -----     | 144       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----         | 40,375    | 34,913    | 5,462     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2212 TEXTILE FIBERS, NEC-----            | 9,293     | 9,161     | 132       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2311 APPAREL-----                        | 519       | 424       | 95        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2411 LOGS-----                           | 47,450    | 97        | 47,353    | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2413 FUEL WOOD, CHARCOAL, WASTES-----    | 657       | -----     | 657       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2414 TIMBER, POSTS, POLES, PILING-----   | 2,293     | 36        | 2,257     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2416 WOOD CHIPS, STAVES, HOLDINGS-----   | 44        | 44        | -----     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2421 LUMBER-----                         | 40,143    | 29,682    | 10,210    | -----   | 251       | -----                 | -----     | -----   | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 155,830   | 147,388   | 8,406     | -----   | 36        | -----                 | -----     | -----   | -----     |
| 2491 WOOD MANUFACTURES, NEC-----         | 19,516    | 13,768    | 5,692     | -----   | 56        | -----                 | -----     | -----   | -----     |
| 2511 FURNITURE AND FIXTURES-----         | 4,737     | 4,321     | 416       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2611 PULP-----                           | 509,906   | -----     | 509,462   | -----   | 444       | -----                 | -----     | -----   | -----     |
| 2621 STANDARD NEWSPRINT PAPER-----       | 3,186     | -----     | 3,186     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2631 PAPER AND PAPERBOARD-----           | 259,701   | 31,675    | 227,924   | -----   | 102       | -----                 | -----     | -----   | -----     |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 7,694     | 520       | 7,174     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2711 PRIVATE MATTER-----                 | 432       | 6         | 426       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2810 SODIUM HYDROXIDE-----               | 465,374   | -----     | -----     | -----   | -----     | -----                 | 460,830   | 1,249   | 3,295     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 53,246    | 14,962    | 38,284    | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2812 DYES, PIGMENT, TANNING MATS-----    | 108       | -----     | 108       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2813 ALCOHOLS-----                       | 544,585   | 93,710    | 267,176   | -----   | -----     | 7,152                 | 175,261   | 1,286   | -----     |
| 2816 RADIOACTIVE MATERIALS, WASTES-----  | 2,557     | 2,556     | 1         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2817 BENZENE AND TOLUENE-----            | 114,898   | 45,490    | 26,295    | -----   | -----     | 43,113                | -----     | -----   | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 6,028,520 | 2,903,624 | 2,711,198 | -----   | 456       | 117,288               | 295,954   | -----   | -----     |
| 2821 PLASTIC MATERIALS-----              | 49,654    | 2,404     | 47,122    | -----   | 158       | -----                 | -----     | -----   | -----     |
| 2822 SYNTHETIC RUBBER-----               | 18,159    | 401       | 17,715    | -----   | 43        | -----                 | -----     | -----   | -----     |
| 2823 SYNTHETIC (MAN-MADE) FIBERS-----    | 2,494     | 98        | 2,355     | -----   | 41        | -----                 | -----     | -----   | -----     |
| 2831 DRUGS-----                          | 3,836     | 1,210     | 2,026     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2841 SOAPS-----                          | 4,744     | 3,837     | 907       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2851 PAINTS-----                         | 13,895    | 12,774    | 1,121     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2861 GUM AND WOOD CHEMICALS-----         | 3,446     | 38        | 3,408     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 1,948,379 | 815,585   | 1,013,297 | -----   | -----     | 37,974                | 71,925    | -----   | 9,598     |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 224,120   | 218,267   | 5,833     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 260,180   | 52,360    | 18,694    | -----   | -----     | 181,624               | 7,502     | -----   | -----     |
| 2876 INSECTICIDES, DISINFECTANTS-----    | 13,743    | 6,705     | 7,034     | -----   | 4         | -----                 | -----     | -----   | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 1,989,516 | 22        | 973,407   | -----   | -----     | 1,010,428             | 5,459     | -----   | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 129,187   | 43,471    | 76,725    | -----   | -----     | 6,047                 | 2,984     | -----   | -----     |
| 2911 GASOLINE-----                       | 5,733,958 | 110,609   | 3,473     | -----   | -----     | 66,881                | 3,552,995 | -----   | -----     |
| 2912 JET FUEL-----                       | 512,954   | 39,562    | 247,407   | -----   | -----     | -----                 | 224,985   | -----   | -----     |
| 2913 KEROSENE-----                       | 417,911   | 33,224    | -----     | -----   | -----     | 362,731               | 21,956    | -----   | -----     |
| 2914 DISTILLATE FUEL OIL-----            | 2,304,602 | 671,025   | 257,688   | -----   | -----     | 14,815                | 1,557,060 | -----   | 3,814     |
| 2915 RESIDUAL FUEL OIL-----              | 5,863,743 | 897,657   | 1,300,331 | -----   | -----     | 234,289               | 3,415,653 | 7,274   | 8,539     |
| 2916 LUBRICATING OILS AND GREASES-----   | 722,163   | 80,709    | 338,054   | -----   | 111       | 10,682                | 292,607   | -----   | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 284,334   | 29,074    | 35,001    | -----   | -----     | 95,746                | 34,363    | 90,150  | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 329,638   | 64,055    | 39,465    | -----   | -----     | 2,037                 | 224,081   | -----   | -----     |
| 2920 COKE, PETROLEUM COKE-----           | 2,255,069 | 255,836   | 1,991,300 | -----   | 7,933     | -----                 | -----     | -----   | -----     |
| 2921 LIQUEFIED GASES-----                | 425,651   | 308,304   | 909       | -----   | -----     | 32,910                | 23,914    | 21,542  | 38,272    |
| 2951 ASPHALT BUILDING MATERIALS-----     | 28        | -----     | 28        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2991 PETROLEUM AND COAL PROD, NEC-----   | 22,801    | 6,185     | 1,291     | -----   | 2         | -----                 | 15,370    | -----   | -----     |
| 3011 RUBBER AND MISC PLASTIC PROD-----   | 18,070    | 10,360    | 7,673     | -----   | 37        | -----                 | -----     | -----   | -----     |
| 3111 LEATHER AND LEATHER PRODUCTS-----   | 1,024     | 985       | 39        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3211 GLASS AND GLASS PRODUCTS-----       | 11,723    | 5,521     | 6,189     | -----   | 13        | -----                 | -----     | -----   | -----     |
| 3241 BUILDING CEMENT-----                | 1,056,491 | 1,054,820 | 1,671     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 5,914     | 1,969     | 5,965     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3271 LIME-----                           | 12        | -----     | 12        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3281 CUT STONE AND STONE PRODUCTS-----   | 1,086     | 1,046     | 42        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD-----  | 4,299     | 1,614     | 2,685     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3311 PIG IRON-----                       | 45,669    | 41,064    | 4,605     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 237,810   | 237,781   | 29        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 1,329,396 | 1,311,030 | 6,684     | 9,682   | -----     | -----                 | -----     | -----   | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 40,308    | 11,936    | 28,372    | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 195,744   | 189,563   | 5,688     | 488     | 5         | -----                 | -----     | -----   | -----     |
| 3318 FERROALLOYS-----                    | 338,094   | 329,804   | 23        | 8,267   | -----     | -----                 | -----     | -----   | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 60,746    | 46,728    | 13,853    | 165     | -----     | -----                 | -----     | -----   | -----     |
| 3322 COPPER ALLOYS, UNWORKED-----        | 45,494    | 44,841    | 653       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3323 LEAD AND ZINC, UNWORKED-----        | 30,679    | 30,668    | 11        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----  | 96,793    | 94,228    | 2,498     | 67      | -----     | -----                 | -----     | -----   | -----     |
| 3411 FABRICATED METAL PRODUCTS-----      | 98,030    | 88,748    | 9,237     | -----   | 45        | -----                 | -----     | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----   | 110,612   | 67,388    | 41,115    | 727     | 32        | -----                 | 1,350     | -----   | 900       |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 18,680    | 9,290     | 7,890     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----   | 66,185    | 58,257    | 7,928     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3721 AIRCRAFT AND PARTS-----             | 393       | -----     | 393       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3731 SHIPS AND BOATS-----                | 2,628     | 929       | 1,621     | -----   | 78        | -----                 | -----     | -----   | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT-----  | 1,949     | 566       | 1,383     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3811 INSTR, TIME, PHOTO, OPT GUARDS----- | 672       | 197       | 475       | -----   | -----     | -----                 | -----     | -----   | -----     |
| 3911 MISC MANUFACTURED PRODUCTS-----     | 686       | 322       | 354       | -----   | 12        | -----                 | -----     | -----   | -----     |
| 4011 IRON AND STEEL SCRAP-----           | 947,456   | 36,797    | 875,646   | -----   | 43,703    | 11,310                | -----     | -----   | -----     |
| 4012 NONFERROUS METAL SCRAP-----         | 152,925   | 138,165   | 14,760    | -----   | -----     | -----                 | -----     | -----   | -----     |
| 4022 TEXTILE ASST, SCRAP, SHEEP-----     | 542       | 45        | 566       | -----   | 34        | -----                 | -----     | -----   | -----     |
| 4029 PAPER WASTE AND SCRAP-----          | 566       | -----     | 566       | -----   | -----     | -----                 | -----     | -----   | 18,522    |
| 4112 COMMODITIES, NEC-----               | 18,522    | -----     | -----     | -----   | 36        | -----                 | -----     | -----   | -----     |
| 9999 DEPARTMENT OF DEFENSE AND SCI-----  | 28,864    | 25,212    | 3,616     | -----   | -----     | -----                 | -----     | -----   | -----     |
|  | 3,821     | -----     | 3,821     | -----   | -----     | -----                 | -----     | -----   | -----     |

TON-MILES, OCEANGOING, 26,119,542,964.

## MISSISSIPPI RIVER

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES  
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

## INTERNAL

(SHORT TONS)

| COMMODITY                                 | TOTAL       | INBOUND    |            | OUTBOUND   |            | UPBOUND    | DOWNBOUND  | THROUGH    |            |
|---|-------------|------------|------------|------------|------------|------------|------------|------------|------------|
|   |             | UPBOUND    | DOWNBOUND  | UPBOUND    | DOWNBOUND  |            |            | UPBOUND    | DOWNBOUND  |
| TOTAL-----                                | 255,782,149 | 21,634,641 | 66,873,199 | 25,470,347 | 19,571,568 | 23,556,534 | 56,2'5,011 | 20,963,712 | 21,297,141 |
| 0101 COTTON, RAW-----                     | 4,510       | -----      | 4,510      | -----      | -----      | -----      | -----      | -----      | -----      |
| 0102 BARLEY AND RYE-----                  | 61,700      | -----      | -----      | 1,629      | -----      | 60,071     | -----      | -----      | -----      |
| 0103 CURRY-----                           | 30,496,226  | 60,635     | 14,760,142 | 24,138     | 685,649    | 17,029     | 13,731,746 | 1,486      | 1,215,401  |
| 0104 OATS-----                            | 221,921     | -----      | 1,437      | 95,945     | 49,011     | 45,603     | 10,380     | -----      | 19,545     |
| 0105 RICE-----                            | 951,300     | 3,201      | 196,756    | -----      | 161,973    | 4,118      | 563,549    | -----      | 21,623     |
| 0106 SORGHUM GRAINS-----                  | 1,955,341   | 50,809     | 649,777    | 4,505      | 7,620      | 3,087      | 1,227,779  | -----      | 11,760     |
| 0107 WHEAT-----                           | 5,513,400   | 71,962     | 2,477,667  | 16,889     | 254,462    | 33,547     | 2,499,966  | 59,561     | 149,346    |
| 0111 SOYBEANS-----                        | 17,599,148  | 279,826    | 7,743,353  | 6,872      | 447,675    | 13,423     | 8,742,050  | 7,635      | 358,314    |
| 0119 OILSEEDS, NEC-----                   | 30,442      | 300        | -----      | 26,517     | -----      | 935        | -----      | 2,690      | -----      |
| 0122 HAY AND FORAGE-----                  | 1,599       | -----      | -----      | -----      | -----      | 266        | -----      | -----      | 1,333      |
| 0191 MISCELLANEOUS FARM PRODUCTS-----     | 2,674       | -----      | 2,674      | -----      | -----      | -----      | -----      | -----      | -----      |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----    | 770         | -----      | 55         | -----      | 717        | -----      | -----      | -----      | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED-----      | 68,729      | 24,718     | 174        | -----      | 174        | -----      | 43,663     | -----      | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED-----   | 1,147,573   | 157,620    | 127,350    | 2,933      | -----      | -----      | 472,320    | 387,350    | -----      |
| 1011 IRON ORE AND CONCENTRATES-----       | 1,815,830   | 6,132      | 2,506      | 1,601,702  | 10,078     | 41,510     | 1,800      | 151,000    | 1,500      |
| 1021 COPPER ORE AND CONCENTRATES-----     | 66,427      | -----      | -----      | -----      | -----      | 66,427     | -----      | -----      | -----      |
| 1051 ALUMINUM ORES, CONCENTRATES-----     | 264,793     | -----      | -----      | 93,461     | 21,975     | 131,031    | -----      | 11,326     | 7,000      |
| 1061 MANGANESE ORES, CONCENTRATES-----    | 276,853     | 10,464     | -----      | 185,143    | 5,075      | 25,213     | 1,400      | 25,153     | 24,405     |
| 1091 NONFERROUS ORES, CONCENT, NEC-----   | 332,950     | 48,188     | -----      | 181,832    | 17,449     | 25,250     | 1,423      | 32,247     | 26,561     |
| 1121 COAL AND LIGNITE-----                | 44,805,865  | 4,548,918  | 17,048,011 | 290,834    | 2,537,574  | 2,568,426  | 5,567,467  | 3,584,372  | 8,660,263  |
| 1311 CRUDE PETROLEUM-----                 | 15,183,092  | 3,927,294  | 2,871,688  | 1,261,202  | 277,179    | 1,961,601  | 1,956,347  | 1,423,149  | 1,464,672  |
| 1411 LIMESTONE-----                       | 2,165,932   | -----      | 1,737,532  | 68,304     | 94,565     | 18,235     | 76,324     | 1,415      | 169,557    |
| 1482 SAND, GRAVEL, CRUSHED ROCK-----      | 8,748,785   | 21,945     | 1,969,327  | 121,866    | 916,206    | 3,184,052  | 1,870,409  | 35,456     | 629,522    |
| 1451 CLAY-----                            | 365,055     | 34,845     | -----      | 19,848     | 16,933     | 18,981     | 406        | 122,406    | 151,636    |
| 1471 PHOSPHATE ROCK-----                  | 10,963      | -----      | 4,188      | 6,775      | -----      | -----      | -----      | -----      | -----      |
| 1479 NATURAL FERTILIZER MATS, NEC-----    | 4,269       | -----      | -----      | 2,773      | -----      | -----      | 1,496      | -----      | -----      |
| 1493 SULPHUR, LIQUID-----                 | 2,015,405   | 1,033,188  | 547,478    | 4,558      | -----      | 292,763    | 137,818    | -----      | -----      |
| 1499 GYPSUM, CRUDE AND PLASTERS-----      | 260,978     | 13,463     | -----      | 64,006     | 1,450      | 134,746    | 43,169     | 2,647      | 1,397      |
| 1899 NONMETALLIC MINERALS, NEC-----       | 3,857,414   | 671,055    | 209,267    | 272,868    | 18,543     | 59,708     | 3,095      | 2,515,232  | 107,646    |
| 2014 TALLOW, ANIMAL FATS AND OILS-----    | 51,152      | -----      | 48,258     | -----      | -----      | -----      | -----      | -----      | 2,904      |
| 2041 WHEAT FLOUR AND SEMOLINA-----        | 4,095       | 4,095      | -----      | -----      | -----      | -----      | -----      | -----      | -----      |
| 2042 ANIMAL FEEDS-----                    | 8,425,305   | 67,864     | 4,567,178  | 99,078     | 24,940     | 108,061    | 3,407,567  | 68,825     | 81,792     |
| 2049 GRAIN MILL PRODUCTS, NEC-----        | 5,029,077   | 12,848     | 2,439,988  | 1,491      | 12,898     | 7,438      | 2,545,125  | -----      | 9,289      |
| 2061 SUGAR-----                           | 452,122     | 264,866    | 60,955     | 81,535     | -----      | -----      | 42,233     | -----      | 2,533      |
| 2062 MOLASSES-----                        | 464,686     | 10,675     | 5,455      | 243,266    | 43,691     | 150,080    | 11,996     | 14,042     | 5,141      |
| 2091 VEGETABLE OILS, MARG, SHORT-----     | 930,776     | 40,620     | 276,216    | 18,150     | 92,721     | 4,046      | 420,790    | 12,252     | 65,983     |
| 2092 ANIMAL OILS AND FATS, NEC-----       | 11,062      | 8,588      | -----      | -----      | -----      | 1,311      | -----      | 1,163      | -----      |
| 2099 GROCERIES-----                       | 12          | -----      | -----      | -----      | -----      | -----      | -----      | -----      | 12         |
| 2099 1/4 MISCELLANEOUS FOOD PRODUCTS----- | 126,936     | 6,995      | 8,532      | 3,688      | 2,868      | 7,800      | 1,200      | 810        | 95,495     |
| 2211 BASIC TEXTILE PRODUCTS-----          | 19,016      | 2,095      | -----      | 3,758      | -----      | 12,865     | -----      | -----      | 300        |
| 2212 TEXTILE FIBERS, NEC-----             | 6,684       | 150        | -----      | 5,289      | 1,245      | -----      | -----      | -----      | -----      |
| 2411 LUGGAGE-----                         | 200,496     | 1,475      | 15,425     | -----      | 144,034    | -----      | 10,612     | 1,273      | 26,877     |
| 2416 WOOD CHIPS, STAVES, HOLDINGS-----    | 1,173       | -----      | 1,173      | -----      | -----      | -----      | -----      | -----      | -----      |
| 2421 LUMBER-----                          | 25,192      | 550        | -----      | 12,632     | 1,500      | 4,079      | 3,554      | 877        | -----      |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----    | 48,161      | -----      | 249        | 32,278     | -----      | 9,892      | 824        | 4,918      | -----      |
| 2491 WOOD MANUFACTURES, NEC-----          | 35          | -----      | -----      | -----      | -----      | -----      | -----      | -----      | 85         |
| 2611 PULP-----                            | 174,645     | 106,618    | 22,952     | 7,649      | 1,184      | -----      | 35,058     | -----      | 1,184      |
| 2621 STANDARD NEWSPRINT PAPER-----        | 39,029      | -----      | 9,923      | 670        | -----      | -----      | 358        | 4,858      | 23,220     |
| 2631 PAPER AND PAPERBOARD-----            | 142,363     | 2,296      | 9,575      | 19,696     | -----      | -----      | 11,406     | 98,160     | 1,228      |
| 2691 PULP AND PAPER PRODUCTS, NEC-----    | 43,581      | -----      | 43,581     | -----      | -----      | -----      | -----      | -----      | -----      |
| 2810 SODIUM HYDROXIDE-----                | 2,071,654   | 308,785    | 62,375     | 1,231,161  | 458,259    | 328,427    | 122,825    | 272,676    | 87,346     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----    | 631,396     | 29,339     | 52,310     | 152,566    | 1,393      | -----      | 8,458      | 82,740     | 304,590    |
| 2813 ALCOMOLS-----                        | 2,271,134   | 85,443     | 89,052     | 727,338    | 251,012    | 248,852    | 71,489     | 500,878    | 297,070    |
| 2816 RADIOACTIVE MATERIALS, WASTES-----   | 1,344       | -----      | 1,344      | -----      | -----      | -----      | -----      | -----      | -----      |
| 2817 BENZENE AND TOLUENE-----             | 2,838,105   | 167,184    | 656,993    | 500,980    | 669,645    | 299,095    | 345,450    | 100,875    | 97,883     |
| 2818 SULPHURIC ACID-----                  | 857,801     | 151,540    | 95,540     | 80,151     | 172,065    | 194,561    | 156,650    | 329        | 6,965      |
| 2819 BASIC CHEMICALS AND PHOG, NEC-----   | 15,118,874  | 873,759    | 1,033,502  | 3,220,340  | 708,451    | 1,788,510  | 1,010,848  | 4,010,554  | 472,910    |
| 2821 PLASTIC MATERIALS-----               | 4,498       | -----      | -----      | -----      | -----      | 265        | -----      | -----      | 4,233      |
| 2822 SYNTHETIC RUBBER-----                | 48,636      | 7,476      | 1,200      | -----      | 38,780     | -----      | -----      | -----      | 1,176      |
| 2841 SOAP-----                            | 5,666       | -----      | -----      | -----      | -----      | -----      | -----      | -----      | 5,666      |
| 2851 PAINTS-----                          | 5           | -----      | -----      | -----      | -----      | -----      | -----      | -----      | 5          |
| 2861 GUM AND WOOD CHEMICALS-----          | 88,085      | 26,841     | -----      | -----      | 61,644     | -----      | -----      | -----      | -----      |
| 2871 NITROGENOUS CHEM FERTILIZERS-----    | 3,926,226   | 242,049    | 325,272    | 1,681,517  | 247,226    | 725,794    | 81,698     | 930,386    | 192,284    |
| 2872 POTASSIC CHEM FERTILIZERS-----       | 1,527,675   | 72,139     | 1,503      | 263,478    | 533,122    | 143,678    | 316,254    | 168,196    | 9,305      |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----     | 451,413     | 18,009     | 1,248      | 299,990    | 10,272     | 136,591    | 1,484      | 10,550     | 2,069      |
| 2879 FERTILIZER AND MATERIALS, NEC-----   | 5,401,777   | 186,630    | 4,652      | 1,858,834  | 99,254     | 1,014,384  | 17,877     | 210,576    | 9,240      |
| 2891 MISCELLANEOUS CHEMICAL PROD-----     | 167,687     | 7,529      | 5,484      | 39,467     | 9,727      | 1,790      | 3,417      | 63,317     | 42,156     |
| 2911 GASOLINE-----                        | 12,120,754  | 2,017,194  | 480,889    | 2,516,127  | 1,263,619  | 3,183,866  | 1,065,796  | 1,203,342  | 389,921    |
| 2912 JET FUEL-----                        | 1,318,331   | 91,119     | 7,402      | 219,155    | 180,588    | 354,680    | 73,273     | 329,396    | 62,718     |
| 2913 KEROSENE-----                        | 227,070     | 58,862     | 6,738      | 25,073     | 32,621     | 12,022     | 25,441     | 75,892     | 10,421     |
| 2914 DISTILLATE FUEL OIL-----             | 1,152,247   | 992,793    | 165,705    | 1,258,553  | 1,542,051  | 1,307,675  | 852,612    | 719,871    | 312,987    |
| 2915 RESIDUAL FUEL OIL-----               | 12,369,225  | 1,923,125  | 1,084,836  | 1,543,311  | 1,581,460  | 1,942,966  | 3,959,135  | 513,184    | 455,206    |
| 2916 LUBRICATING OILS AND GREASES-----    | 1,966,742   | 630,808    | 149,827    | 91,102     | 123,205    | 74,511     | 99,212     | 653,950    | 146,047    |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----     | 2,123,864   | 624,089    | 142,773    | 193,013    | 465,059    | 116,487    | 52,497     | 261,663    | 267,023    |
| 2918 ASPHALT, TAR, AND PITCHES-----       | 3,257,186   | 90,313     | 195,860    | 970,698    | 881,991    | 208,833    | 292,588    | 664,380    | 152,525    |
| 2920 COKE, PETROLEUM COKE-----            | 3,914,991   | 243,129    | 948,957    | 637,055    | 277,380    | 80,414     | 880,708    | 337,458    | 309,910    |
| 2921 LIQUEFIED GASES-----                 | 1,323,040   | 386,127    | 344,066    | 21,895     | 30,994     | 91,478     | 32,582     | 164,461    | 248,437    |
| 2991 PETROLEUM AND COAL PROD, NEC-----    | 372,703     | 209,517    | 8,863      | 46,493     | 65,242     | 1,643      | -----      | 22,892     | 17,053     |
| 3211 GLASS AND GLASS PRODUCTS-----        | 5,816       | -----      | -----      | 5,816      | -----      | -----      | -----      | -----      | -----      |
| 3261 BUILDING CEMENT-----                 | 4,711,526   | 40,759     | 83,400     | 36,423     | 2,034,830  | 1,513,860  | 510,962    | 107,030    | 47,448     |
| 3251 STRUCTURAL CLAY PRODUCTS-----        | 9,458       | -----      | -----      | -----      | -----      | -----      | 9,458      | -----      | -----      |
| 3271 LIME-----                            | 530,618     | -----      | 67,541     | 80,075     | 335,163    | -----      | 30,302     | -----      | 17,737     |
| 3281 CUT STONE AND STONE PRODUCTS-----    | 1,405       | -----      | 1,405      | -----      | -----      | -----      | -----      | -----      | -----      |
| 3291 MISC NONMETALLIC MINERAL PROD-----   | 38,229      | -----      | 4,800      | -----      | -----      | -----      | -----      | 21,979     | 11,450     |
| 3311 PIG IRON-----                        | 181,905     | 5,378      | 4,452      | 44,809     | 13,454     | 11,942     | -----      | 54,317     | 7,553      |
| 3312 SLAG-----                            | 447,032     | 156,865    | 20,587     | 19,226     | 50,287     | 29,407     | 55,705     | 79,597     | 36,158     |
| 3314 IRON AND STEEL PRIMARY FORMS-----    | 1,065,136   | 50,110     | 27,881     | 459,047    | 67,760     | 103,073    | 3,044      | 124,272    | 247,981    |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----   | 1,514,906   | 36,700     | 12,986     | 774,600    | 66,092     | 64,952     | 5,480      | 316,888    | 235,000    |
| 3316 IRON AND STEEL PLATES, SHEETS-----   | 577,586     | 18,621     | 27,031     | 131,001    | 118,431    | 41,457     | 8,404      | 151,160    | 217,481    |
| 3317 IRON AND STEEL PIPE AND TUBE-----    | 466,016     | 36,475     | 6,105      | 131,391    | 39,741     | 35,336     | 788        | 66,720     | 151,460    |
| 3318 FERROALLOYS-----                     | 655,134     | 11,877     | 14,092     | 437,266    | 23,877     | -----      | 323,117    | 13,724     | -----      |

## Waterborne Commerce of the United States, 1987

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES  
(CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                             | TOTAL     | INBOUND |           | OUTBOUND |           | UPBOUND | DOWNBOUND | THROUGH |           |
|---------------------------------------|-----------|---------|-----------|----------|-----------|---------|-----------|---------|-----------|
|                                       |           | UPBOUND | DOWNBOUND | UPBOUND  | DOWNBOUND |         |           | UPBOUND | DOWNBOUND |
| 3319 IRON AND STEEL PRODUCTS, NEC--   | 320,930   | 36,406  | 25,930    | 118,148  | 7,480     | 5,477   | -----     | 42,284  | 65,285    |
| 3321 NONFERROUS METALS, NEC--         | 6,762     | -----   | -----     | 5,406    | -----     | -----   | -----     | 2,156   | 1,200     |
| 3322 COPPER ALLOYS, UNWORKED--        | 36,017    | 1,266   | -----     | 1,525    | -----     | 31,563  | 2,040     | -----   | 1,615     |
| 3323 LEAD AND ZINC, UNWORKED--        | 63,236    | 30,116  | -----     | 24,411   | -----     | 11,674  | -----     | 14,217  | 2,816     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED--  | 72,070    | 1,362   | -----     | 54,427   | 5,679     | 2,167   | 468       | 5,041   | 2,926     |
| 3411 FABRICATED METAL PRODUCTS--      | 52,483    | 5,269   | 1,153     | 25,398   | 2,822     | 595     | 75        | 13,615  | 3,556     |
| 3511 MACHINERY, EXCEPT ELECTRICAL--   | 100,002   | 518     | 14,173    | 37,114   | 1,174     | 12,360  | 3,025     | 20,800  | 18,638    |
| 3611 ELECTRICAL MACH AND EQUIP--      | 6,222     | -----   | 1,025     | 622      | -----     | 2,375   | -----     | -----   | -----     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP--   | 6,169     | -----   | 482       | 4,799    | -----     | -----   | -----     | 15      | 873       |
| 3721 AIRCRAFT AND PARTS--             | 1,661     | -----   | -----     | -----    | 1,661     | -----   | -----     | -----   | -----     |
| 3731 SHIPS AND BOATS--                | 1,214     | -----   | 88        | 1,000    | -----     | -----   | -----     | 130     | -----     |
| 3911 WISC MANUFACTURED PRODUCTS--     | 155,439   | 6       | 65        | 31       | -----     | -----   | -----     | 86,796  | 68,541    |
| 4011 IRON AND STEEL SCRAP--           | 2,360,506 | 464,253 | 828,745   | 52,369   | 109,484   | 20,011  | 147,887   | 324,775 | 413,022   |
| 4012 NONFERROUS METAL SCRAP--         | 10,930    | -----   | 4,951     | -----    | 235       | -----   | 5,744     | -----   | -----     |
| 4029 AASTE AND SCRAP, NEC--           | 222,406   | 3,918   | 6,035     | 9,344    | 82,466    | 5,900   | 34,036    | 2,316   | 78,391    |
| 4111 WATER--                          | 110,142   | 15      | 95        | -----    | -----     | 2,400   | -----     | 10,176  | 101,456   |
| 4112 COMMODITIES, NEC--               | 96,082    | 10,556  | 49,552    | 17,421   | -----     | -----   | -----     | 2,870   | 5,951     |
| 4118 WATERWAY IMPROVEMENT MAT--       | 8,566,339 | 19,725  | 1,940,733 | 88       | 1,229,497 | 515,265 | 2,948,968 | 21,000  | 1,089,063 |
| 4119 EMPTY CONTAINERS--               | 2,039     | 267     | 179       | 102      | 102       | -----   | -----     | -----   | 1,329     |
| 9999 DEPARTMENT OF DEFENSE AND SCI--  | 1,600     | -----   | -----     | -----    | -----     | -----   | 1,600     | -----   | -----     |
| TON-MILES, INTERNAL, 153,794,561,401. |           | 1       |           |          |           |         |           |         |           |

TONS, ALL TRAFFIC, 425,004,518.  
TON-MILES, ALL TRAFFIC, 179,914,104,365.

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: MINNEAPOLIS, MINN. TO MOUTH OF MISSOURI RIVER; UPPER MISSISSIPPI RIVER FROM MILE 857.6 TO MILE 195. CONTROLLING DEPTHS: 9 FEET, PROJECT DEPTHS: 9 FEET, NAVIGATION SEASONS: 23 MARCH TO 5 DECEMBER 1986 UPPER PORTION; ANNUAL CLOSURE IN UPPER PORTION DUE TO WINTER FREEZE-UP; OPEN ALL YEAR IN LOWER PORTION EXCEPT DURING BRIEF PERIODS WHEN THE CHANNEL MAY BE BLOCKED BY ICE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS | YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS |
|-----------|-----------------------|---------------|--------------|------------|-----------|-----------------------|---------------|--------------|------------|
| 1978----- | 68,976,381            | -----         | 68,976,381   | 403,852    | 1983----- | 84,147,867            | -----         | 84,147,867   | 642,953    |
| 1979----- | 68,614,662            | -----         | 68,614,662   | 132,842    | 1984----- | 81,776,448            | -----         | 81,776,448   | 541,408    |
| 1980----- | 76,394,879            | -----         | 76,394,879   | 443,853    | 1985----- | 72,039,185            | -----         | 72,039,185   | 802,135    |
| 1981----- | 74,531,548            | -----         | 74,531,548   | 246,310    | 1986----- | 73,720,763            | -----         | 73,720,763   | 1,009,848  |
| 1982----- | 74,660,831            | -----         | 74,660,831   | 514,828    | 1987----- | 81,617,560            | -----         | 81,617,560   | 736,816    |

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

## FREIGHT TRAFFIC, 1987

## OCEANGOING

(SHORT TONS)

| COMMODITY                       | DOMESTIC<br>COASTWISE<br>THROUGH<br>DOWNBOUND |  |       |
|---------------------------------|---|--|-------|
| TOTAL-----                      | -----   |  | 8,539 |
| 2915 RESIDUAL FUEL OIL-----     | -----   |  | 8,539 |
| TON-MILES, OCEANGOING, 196,597. | -----   |  | ----- |

## INTERNAL

(SHORT TONS)

| COMMODITY                               | TOTAL      | INBOUND   |           | OUTBOUND  |            | UPBOUND   | DOWNBOUND | THROUGH    |            |
|---|------------|-----------|-----------|-----------|------------|-----------|-----------|------------|------------|
|   |            | UPBOUND   | DOWNBOUND | UPBOUND   | DOWNBOUND  |           |           | UPBOUND    | DOWNBOUND  |
| TOTAL-----                              | 81,609,021 | 9,497,596 | 513,446   | 603,296   | 28,522,962 | 5,795,194 | 1,314,678 | 11,955,413 | 23,406,436 |
| 0102 BARLEY AND RYE-----                | 27,246     | -----     | -----     | 27,246    | -----      | -----     | -----     | -----      | -----      |
| 0103 CORN-----                          | 24,482,673 | 6,717     | 1,581     | 1,507     | 12,020,211 | 4,592     | 5,610     | 5,628      | 12,438,823 |
| 0104 OATS-----                          | 35,466     | 2,972     | -----     | 23,836    | -----      | -----     | -----     | -----      | 8,660      |
| 0105 RICE-----                          | 1,618      | 1,618     | -----     | -----     | -----      | -----     | -----     | -----      | -----      |
| 0106 SORGHUM GRAINS-----                | 107,730    | -----     | -----     | 75,441    | -----      | -----     | -----     | 2,891      | 29,398     |
| 0107 WHEAT-----                         | 1,462,504  | 12,932    | 11,618    | 735,220   | -----      | 15,902    | 4,310     | 682,522    | -----      |
| 0111 SOYBEANS-----                      | 10,300,951 | 13,225    | 100,803   | 5,501,699 | -----      | 22,888    | 1,351     | 4,660,985  | -----      |
| 0119 OILSEEDS, NEC-----                 | 2,407      | 935       | -----     | -----     | -----      | -----     | 1,472     | -----      | -----      |
| 0191 MISCELLANEOUS FARM PRODUCTS-----   | 1,507      | -----     | -----     | -----     | -----      | -----     | -----     | -----      | 1,307      |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 664        | -----     | -----     | 664       | -----      | -----     | -----     | -----      | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 19,143     | 11,824    | -----     | -----     | -----      | -----     | -----     | 7,310      | -----      |
| 1011 IRON ORE AND CONCENTRATES-----     | 20,022     | 9,585     | -----     | -----     | -----      | -----     | -----     | 16,437     | -----      |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 142,983    | 131,031   | -----     | 8,981     | -----      | -----     | -----     | 2,971      | -----      |

## MISSISSIPPI RIVER

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI  
RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | INBOUND   |           | OUTBOUND |           | UPBOUND   | DOWNBOUND | THROUGH   |           |
|---|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|
|   |           | UPBOUND   | DOWNBOUND | UPBOUND  | DOWNBOUND |           |           | UPBOUND   | DOWNBOUND |
|   |           |           |           |          |           |           |           |           |           |
| 1061 MANGANESE ORES, CONCENTRATES--     | 59,815    | 26,760    | -----     | -----    | -----     | -----     | -----     | 63,055    | -----     |
| 1091 NONFERROUS ORES, CONCENT, NEC--    | 42,130    | 17,972    | -----     | -----    | 7,124     | -----     | -----     | 15,434    | 1,600     |
| 1121 COAL AND LIGNITE-----              | 9,679,877 | 4,506,499 | -----     | -----    | 23,616    | 1,180,694 | 250,601   | 3,718,467 | -----     |
| 1311 CRUDE PETROLEUM-----               | 659,590   | 133,354   | 162,277   | -----    | 353,503   | -----     | -----     | 5,880     | 6,616     |
| 1411 LIMESTONE-----                     | 126,865   | 5,952     | -----     | 19,285   | 3,025     | 12,283    | -----     | 50,434    | 35,886    |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 3,230,075 | 27,365    | -----     | -----    | 16,196    | 2,772,993 | 309,009   | 73,900    | 30,612    |
| 1451 CLAY-----                          | 53,454    | 22,679    | -----     | -----    | 9,364     | -----     | -----     | 1,811     | -----     |
| 1491 GYPSUM, CRUDE AND PLASTERS-----    | 131,936   | 76,202    | -----     | -----    | 44,619    | -----     | -----     | 11,115    | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 942,856   | 373,381   | -----     | -----    | -----     | -----     | -----     | 569,875   | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 36,867    | -----     | -----     | -----    | -----     | -----     | -----     | -----     | 36,867    |
| 2042 ANIMAL FEEDS-----                  | 4,013,380 | 24,755    | 2,331     | 3,088    | 2,107,386 | 1,605     | 1,833     | 25,366    | 1,847,016 |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 1,984,103 | 4,529     | -----     | -----    | 1,697,538 | 1,432     | -----     | -----     | 280,604   |
| 2061 SUGAR-----                         | 54,697    | -----     | -----     | -----    | -----     | -----     | -----     | 52,164    | 2,933     |
| 2062 MIRRORS-----                       | 201,669   | 72,833    | -----     | -----    | 10,577    | -----     | -----     | 134,037   | 4,222     |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 420,187   | -----     | -----     | -----    | 399,073   | -----     | -----     | 6,844     | 14,270    |
| 2092 ANIMAL OILS AND FATS, NEC-----     | 9,899     | 9,899     | -----     | -----    | -----     | -----     | -----     | -----     | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----        | 14,071    | 12,212    | -----     | -----    | -----     | 771       | -----     | 1,088     | -----     |
| 2411 LOGS-----                          | 1,450     | -----     | -----     | -----    | -----     | -----     | 1,450     | -----     | -----     |
| 2421 LUMBER-----                        | 16,763    | 4,079     | -----     | -----    | 1,500     | -----     | -----     | 11,184    | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 13,276    | 9,892     | -----     | -----    | -----     | -----     | -----     | 3,384     | -----     |
| 2611 PULP-----                          | 7,649     | -----     | -----     | -----    | -----     | -----     | -----     | 7,649     | -----     |
| 2631 PAPER AND PAPERBOARD-----          | 11,823    | 1,389     | -----     | -----    | -----     | -----     | -----     | 10,434    | -----     |
| 2610 SODIUM HYDROXIDE-----              | 679,944   | 129,903   | -----     | -----    | -----     | -----     | -----     | 536,769   | 13,272    |
| 2611 CRUDE TAR, OIL, GAS PRODUCTS-----  | 202,996   | 16,309    | -----     | -----    | -----     | -----     | -----     | 67,793    | 118,894   |
| 2613 ALCOHOLS-----                      | 734,930   | 70,595    | -----     | 25,750   | 131,240   | 27,019    | 6,538     | 166,138   | 307,650   |
| 2617 BENZENE AND TOLUENE-----           | 255,633   | 40,654    | 7,575     | -----    | 155,161   | -----     | -----     | 15,696    | 36,547    |
| 2618 SULPHURIC ACID-----                | 90,039    | 38,428    | -----     | -----    | 50,298    | -----     | -----     | 1,313     | -----     |
| 2619 BASIC CHEMICALS AND PROD, NEC----- | 1,700,219 | 193,138   | -----     | 5,227    | 117,752   | -----     | 41,700    | 1,318,900 | 23,502    |
| 2671 NITROGENOUS CHEM FERTILIZERS-----  | 1,217,426 | 647,477   | -----     | 6,324    | 96,951    | 16,808    | 49,066    | 551,746   | 47,056    |
| 2672 POTASSIC CHEM FERTILIZERS-----     | 732,626   | 93,475    | 1,505     | -----    | 291,382   | -----     | 192,509   | 150,567   | 3,210     |
| 2673 PHOSPHATIC CHEM FERTILIZERS-----   | 199,204   | 99,339    | -----     | -----    | 1,484     | -----     | -----     | 95,712    | 2,669     |
| 2679 FERTILIZER AND MATERIALS, NEC----- | 1,089,186 | 894,221   | -----     | -----    | 3,070     | -----     | 1,512     | 788,890   | 1,495     |
| 2691 MISCELLANEOUS CHEMICAL PROD-----   | 62,284    | 1,389     | -----     | -----    | -----     | -----     | -----     | 37,834    | 23,061    |
| 2911 GASOLINE-----                      | 2,931,803 | 626,689   | 3,897     | 285,665  | 651,689   | 819,398   | 202,684   | 202,046   | 137,779   |
| 2912 JET FUEL-----                      | 16,328    | 13,456    | -----     | -----    | 2,872     | -----     | -----     | -----     | -----     |
| 2913 KEROSENE-----                      | 75,765    | 30,307    | -----     | -----    | -----     | 2,411     | 1,983     | 39,064    | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 1,339,605 | 109,878   | -----     | 73,483   | 470,773   | 322,052   | 10,574    | 221,537   | 131,348   |
| 2915 RESIDUAL FUEL OIL-----             | 2,336,395 | 69,365    | 80,280    | 57,120   | 974,341   | 6,086     | -----     | 738,158   | 411,045   |
| 2916 LUBRICATING OILS AND GREASES-----  | 584,126   | 191,629   | 29,447    | 2,137    | 59,247    | -----     | -----     | 273,796   | 27,872    |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 182,886   | 33,239    | -----     | -----    | -----     | -----     | -----     | 112,872   | 36,775    |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 1,587,459 | 59,520    | 32,219    | 111,911  | 905,669   | 71,754    | 85,913    | 178,313   | 142,160   |
| 2920 COKE, PETROLEUM COKE-----          | 1,713,560 | 108,419   | -----     | -----    | 399,624   | 2,912     | 33,333    | 166,023   | 1,001,249 |
| 2921 LIQUEFIED GASES-----               | 12,544    | 12,544    | -----     | -----    | -----     | -----     | -----     | -----     | -----     |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 15,942    | 11,686    | -----     | -----    | -----     | -----     | -----     | 4,256     | -----     |
| 3241 BUILDING CEMENT-----               | 1,940,009 | 279,886   | -----     | -----    | 1,062,047 | 449,456   | 8,200     | 194,420   | -----     |
| 3271 LIME-----                          | 81,511    | -----     | -----     | -----    | -----     | -----     | -----     | 80,075    | 1,436     |
| 3311 PIG IRON-----                      | 55,127    | 12,213    | -----     | -----    | -----     | -----     | -----     | 39,882    | 3,032     |
| 3312 SLAG-----                          | 232,577   | 90,664    | -----     | 10,439   | 8,882     | 28,011    | -----     | 81,685    | 12,896    |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 369,285   | 12,388    | -----     | -----    | 15,069    | -----     | -----     | 215,532   | 126,296   |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 552,232   | 39,934    | -----     | -----    | 4,575     | -----     | -----     | 397,051   | 110,672   |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 169,056   | 10,428    | -----     | -----    | -----     | -----     | -----     | 41,990    | 116,640   |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 70,714    | 17,751    | -----     | -----    | 6,534     | -----     | -----     | 45,389    | 1,040     |
| 3318 FERROALLOYS-----                   | 189,883   | 5,035     | -----     | -----    | 13,446    | -----     | -----     | 164,117   | 7,285     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 76,041    | 6,938     | -----     | -----    | -----     | -----     | -----     | 27,713    | 41,390    |
| 3323 LEAD AND ZINC, UNWORKED-----       | 8,312     | -----     | -----     | -----    | -----     | -----     | -----     | 6,312     | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 7,444     | -----     | -----     | -----    | -----     | -----     | -----     | 7,444     | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 9,686     | 4,398     | -----     | -----    | 1,402     | -----     | -----     | 3,846     | 40        |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 21,142    | 500       | -----     | -----    | 290       | 115       | 140       | 14,149    | 5,946     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 2,342     | -----     | -----     | -----    | -----     | -----     | -----     | 993       | 1,349     |
| 3731 SHIPS AND BOATS-----               | 214       | -----     | -----     | -----    | -----     | -----     | -----     | 130       | 84        |
| 4011 IRON AND STEEL SCRAP-----          | 870,669   | 186,065   | 79,915    | 1,800    | 21,476    | -----     | -----     | 178,030   | 409,785   |
| 4029 WASTE AND SCRAP, NEC-----          | 54,613    | -----     | -----     | -----    | 11,575    | -----     | -----     | -----     | 23,038    |
| 4112 COMMODITIES, NEC-----              | 2,772     | 1,220     | -----     | -----    | -----     | -----     | -----     | 1,552     | -----     |
| 4118 GATERWAY IMPROVEMENT MAT-----      | 167,336   | 17,925    | -----     | -----    | 72,142    | 77,269    | -----     | -----     | -----     |

TON-MILES, INTERNAL, 15,242,374,384.

TON-MILES, ALL TRAFFIC, 81,617,560.

TON-MILES, ALL TRAFFIC, 15,242,570,781.

MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO  
RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER; UPPER MISSISSIPPI RIVER FROM MILE 195 TO MILE 0. CONTROLLING DEPTH: 9 FEET, VIA THE CHAIN OF ROCKS CAVAL, BYPASSING CHAIN OF ROCKS REACH. PROJECT DEPTH: 9 FEET. NAVIGATION SEASON: ENTIRE YEAR, EXCEPT DURING BRIEF PERIODS WHEN THE CHANNEL MAY BE BLOCKED BY ICE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS | YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS |
|-----------|-----------------------|---------------|--------------|------------|-----------|-----------------------|---------------|--------------|------------|
| 1978----- | 79,328,171            | -----         | 79,328,171   | 1,127,143  | 1983----- | 98,726,458            | -----         | 98,726,458   | 360,825    |
| 1979----- | 80,435,159            | -----         | 80,435,159   | 507,207    | 1984----- | 103,627,661           | -----         | 103,627,661  | 372,689    |
| 1980----- | 92,914,550            | -----         | 92,914,550   | 308,406    | 1985----- | 92,667,520            | -----         | 92,667,520   | 686,544    |
| 1981----- | 92,206,740            | -----         | 92,206,740   | 263,264    | 1986----- | 97,722,986            | -----         | 97,722,986   | 619,321    |
| 1982----- | 90,495,924            | -----         | 90,495,924   | 321,577    | 1987----- | 104,491,628           | -----         | 104,491,628  | 753,275    |

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO  
RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSE) --CONTINUED

## FREIGHT TRAFFIC, 1987

## OCEANGOING

(SHORT TONS)

| COMMODITY                              |  | DOMESTIC<br>COASTWISE<br>THROUGH<br>DOWNBOUND |
|--|--|---|
| TOTAL-----                             |  | 9,639   |
| 2915 RESIDUAL FUEL OIL-----            |  | 8,539   |
| 3511 MACHINERY, EXCEPT ELECTRICAL----- |  | 900   |
| TUN-MILES, OCEANGOING, 1,840,605.      |  |   |

## INTERNAL

(SHORT TONS)

| COMMODITY                                | TOTAL       | INBOUND   |           | OUTBOUND  |            | UPBOUND   | DOWNBOUND | THROUGH    |            |
|--|-------------|-----------|-----------|-----------|------------|-----------|-----------|------------|------------|
|  |             | UPBOUND   | DOWNBOUND | UPBOUND   | DOWNBOUND  |           |           | UPBOUND    | DOWNBOUND  |
| TOTAL-----                               | 104,482,389 | 3,751,583 | 1,705,497 | 2,118,290 | 21,515,631 | 1,442,243 | 1,948,641 | 19,687,487 | 52,317,017 |
| 0102 BARLEY AND RYE-----                 | 61,700      | -----     | -----     | -----     | 34,454     | -----     | -----     | -----      | 27,286     |
| 0103 CURV-----                           | 26,771,174  | 3,203     | 13,725    | 1,600     | 2,053,619  | -----     | -----     | 7,145      | 24,691,882 |
| 0104 DATS-----                           | 47,089      | 11,581    | -----     | -----     | -----      | -----     | -----     | 2,972      | 32,496     |
| 0105 RICE-----                           | 2,978       | -----     | -----     | -----     | 1,360      | -----     | -----     | 1,618      | -----      |
| 0106 SORGHUM GRAINS-----                 | 657,820     | -----     | -----     | 1,400     | 506,260    | -----     | -----     | 1,691      | 148,669    |
| 0107 MEAT-----                           | 2,532,721   | 6,004     | 22,572    | 8,206     | 953,044    | -----     | 1,500     | 9,036      | 1,532,389  |
| 0111 SOYBEANS-----                       | 12,064,079  | -----     | 8,964     | -----     | 1,502,827  | -----     | -----     | 4,939      | 10,547,349 |
| 0119 OILSEEDS, NEC-----                  | 2,407       | -----     | -----     | -----     | -----      | -----     | -----     | 2,407      | -----      |
| 0122 HAY AND FODDER-----                 | 1,333       | -----     | -----     | -----     | -----      | -----     | -----     | -----      | 1,333      |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 1,307       | -----     | -----     | -----     | -----      | -----     | -----     | -----      | 1,307      |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 26,289      | 4,846     | -----     | -----     | -----      | -----     | -----     | 21,843     | -----      |
| 1011 IRON ORE AND CONCENTRATES-----      | 36,425      | 5,732     | -----     | -----     | 4,671      | -----     | -----     | 26,022     | -----      |
| 1021 COPPER ORE AND CONCENTRATES-----    | 66,427      | -----     | -----     | -----     | 66,427     | -----     | -----     | -----      | -----      |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 142,983     | -----     | -----     | -----     | -----      | -----     | 134,002   | 8,981      | -----      |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 100,238     | 1,425     | -----     | 500       | 2,805      | -----     | -----     | 95,508     | -----      |
| 1091 NUNFERROUS ORES, CONCENT., NEC----- | 100,774     | 56,066    | 1,423     | -----     | 4,578      | -----     | -----     | 33,406     | 7,301      |
| 1121 COAL AND LIGNITE-----               | 19,368,505  | 1,278,337 | -----     | 1,450,557 | 7,536,847  | 68,996    | 287,965   | 6,027,192  | 1,050,011  |
| 1311 CRUDE PETROLEUM-----                | 497,315     | -----     | -----     | -----     | -----      | -----     | -----     | 139,194    | 358,119    |
| 1411 LIMESTONE-----                      | 260,136     | -----     | -----     | 47,598    | 167,864    | -----     | -----     | 8,788      | 35,886     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 2,350,215   | 43,524    | -----     | 48,017    | 927,947    | 289,087   | 866,415   | 72,249     | 106,985    |
| 1451 CLAY-----                           | 41,023      | -----     | -----     | 1,411     | 7,569      | -----     | -----     | 22,679     | 9,366      |
| 1494 GYPSUM, CRUDE AND PLASTERS-----     | 203,943     | 72,007    | 43,169    | -----     | -----      | -----     | -----     | 87,817     | 1,450      |
| 1499 NONMETALLIC MINERALS, NEC-----      | 1,253,921   | 269,782   | -----     | 3,062     | 6,089      | -----     | -----     | 974,988    | -----      |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 49,719      | -----     | -----     | -----     | -----      | -----     | -----     | -----      | 49,719     |
| 2042 ANIMAL FEEDS-----                   | 5,387,422   | 1,436     | 16,691    | -----     | 1,286,243  | -----     | -----     | 52,827     | 4,930,225  |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 2,559,171   | 2,400     | 1,353     | -----     | 484,144    | -----     | 1,549     | 8,529      | 2,065,196  |
| 2061 SUGAR-----                          | 65,095      | 4,444     | -----     | -----     | 5,954      | -----     | -----     | 52,164     | 2,533      |
| 2062 MOLASSES-----                       | 311,084     | 55,042    | 11,810    | -----     | -----      | -----     | -----     | 239,970    | 4,222      |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 433,688     | 5,780     | 23,390    | -----     | -----      | -----     | -----     | 6,844      | 397,674    |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 11,062      | -----     | -----     | -----     | -----      | -----     | -----     | 11,062     | -----      |
| 2211 BASIC TEXTILE PRODUCTS-----         | 15,277      | 1,977     | -----     | -----     | -----      | -----     | -----     | 13,300     | -----      |
| 2211 LUGG-----                           | 9,162       | -----     | -----     | -----     | 9,162      | -----     | -----     | -----      | -----      |
| 2241 LUMBER-----                         | 20,867      | 550       | -----     | -----     | 3,554      | -----     | -----     | 15,263     | 1,500      |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 13,276      | -----     | -----     | -----     | -----      | -----     | -----     | 13,276     | -----      |
| 2611 PULP-----                           | 7,649       | -----     | -----     | -----     | -----      | -----     | -----     | 7,649      | -----      |
| 2621 STANDARD NEWSPRINT PAPER-----       | 5,216       | -----     | -----     | -----     | 350        | -----     | -----     | 4,858      | -----      |
| 2631 PAPER AND PAPERBOARD-----           | 12,970      | -----     | -----     | -----     | -----      | -----     | -----     | 12,970     | -----      |
| 2810 SODIUM HYDROXIDE-----               | 938,062     | 236,534   | -----     | -----     | -----      | -----     | -----     | 600,256    | 13,272     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 209,693     | 6,697     | 4,450     | -----     | -----      | -----     | -----     | 84,102     | 114,684    |
| 2813 ALCOHOLS-----                       | 689,818     | 26,378    | 1,615     | -----     | -----      | -----     | -----     | 250,527    | 411,290    |
| 2817 BENZENE AND TOLUENE-----            | 299,586     | 16,454    | 48,363    | -----     | 35,076     | -----     | -----     | 56,350     | 143,345    |
| 2818 SULPHURIC ACID-----                 | 117,702     | 2,135     | -----     | 1,313     | 45,520     | -----     | -----     | 38,428     | 58,290     |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 1,747,206   | 128,737   | 1,643     | 694       | 5,381      | -----     | -----     | 1,507,036  | 103,713    |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 1,404,129   | 144,569   | 6,374     | 7,742     | 6,976      | -----     | 1,400     | 1,047,534  | 189,514    |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 705,276     | 34,362    | 31,267    | 127,737   | 172,670    | 6,097     | 3,109     | 119,334    | 216,700    |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 264,103     | 26,078    | -----     | 2,010     | -----      | -----     | -----     | 331,862    | 4,153      |
| 2879 FERTILIZERS AND MATERIALS, NEC----- | 2,189,068   | 172,454   | -----     | 9,170     | 49,327     | 8,561     | 2,916     | 1,946,075  | 4,565      |
| 2891 MISCELLANEOUS CHEMICAL PROD-----    | 62,284      | -----     | -----     | -----     | -----      | -----     | -----     | 39,223     | 23,061     |
| 2911 GASOLINE-----                       | 2,052,709   | 188,434   | 304,809   | 179,310   | 167,956    | -----     | 140,295   | 599,240    | 972,665    |
| 2912 JET FUEL-----                       | 54,104      | 37,816    | -----     | -----     | -----      | -----     | -----     | 13,856     | 2,872      |
| 2913 KEROSENE-----                       | 94,772      | 10,166    | -----     | -----     | 541        | -----     | -----     | 76,065     | -----      |
| 2914 DISTILLATE FUEL OIL-----            | 1,001,575   | 35,684    | 254,588   | 58,021    | 129,446    | 688       | 21,856    | 247,950    | 343,342    |
| 2915 RESIDUAL FUEL OIL-----              | 2,485,382   | -----     | 315,470   | 24,066    | 233,315    | 12,766    | 11,962    | 771,987    | 1,075,616  |
| 2916 LUBRICATING OILS AND GREASES-----   | 708,182     | 152,976   | -----     | 1,511     | 2,662      | -----     | -----     | 463,914    | 87,119     |
| 2917 VAPHTHA, PETROLEUM SOLVENTS-----    | 191,811     | 8,925     | -----     | -----     | -----      | -----     | -----     | 146,111    | 36,775     |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 1,097,263   | 4,334     | 155,256   | 15,747    | -----      | -----     | 3,000     | 227,319    | 691,607    |
| 2920 CORE, PETROLEUM CORE-----           | 1,737,591   | 61,126    | 61,372    | -----     | 155,502    | -----     | -----     | 145,510    | 1,314,031  |
| 2921 LIQUEFIED GASES-----                | 12,546      | -----     | -----     | -----     | -----      | -----     | -----     | 12,546     | -----      |
| 2991 PETROLEUM AND CUAL PROD, NEC-----   | 15,962      | -----     | -----     | -----     | -----      | -----     | -----     | 15,942     | -----      |
| 3241 BUILDING CEMENT-----                | 3,263,177   | 198,221   | 357,434   | 39,216    | 1,433,796  | 626,941   | -----     | 437,445    | 178,124    |
| 3271 LIME-----                           | 468,530     | -----     | -----     | 80,075    | 357,321    | -----     | 6,600     | -----      | 9,934      |
| 3311 PIG IRON-----                       | 58,876      | 3,749     | -----     | -----     | -----      | -----     | -----     | 52,095     | 3,032      |
| 3312 SLAG-----                           | 242,199     | 67,597    | -----     | -----     | 34,921     | -----     | -----     | 106,737    | 36,984     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 498,166     | 113,686   | 15,084    | 468       | 15,559     | -----     | -----     | 233,280    | 120,133    |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 624,922     | 32,816    | 4,575     | 968       | 37,367     | -----     | -----     | 641,163    | 100,033    |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 312,950     | 36,838    | -----     | 3,410     | 97,074     | 1,329     | 523       | 57,136     | 116,640    |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 119,100     | 42,136    | -----     | -----     | 6,246      | -----     | -----     | 63,140     | 7,974      |
| 3318 FERROALLOYS-----                    | 212,779     | 14,909    | -----     | -----     | -----      | -----     | -----     | 177,139    | 20,731     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 109,815     | 29,445    | -----     | -----     | 869        | -----     | -----     | 30,111     | 41,390     |
| 3322 COPPER ALLOYS, UNWORKED-----        | 30,026      | 30,626    | -----     | -----     | -----      | -----     | -----     | -----      | -----      |
| 3323 LEAD AND ZINC, UNWORKED-----        | 87,981      | 39,649    | -----     | -----     | -----      | -----     | -----     | 8,312      | -----      |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----  | 9,011       | 1,567     | -----     | -----     | -----      | -----     | 7,644     | -----      | -----      |

## MISSISSIPPI RIVER

MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO  
RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                            | TOTAL     | INBOUND |           | OUTBOUND |           | UPBOUND | DOWNBOUND | THROUGH |           |
|--------------------------------------|-----------|---------|-----------|----------|-----------|---------|-----------|---------|-----------|
|                                      |           | UPBOUND | DOWNBOUND | UPBOUND  | DOWNBOUND |         |           | UPBOUND | DOWNBOUND |
| 3411 FABRICATED METAL PRODUCTS-----  | 11,848    | -----   | -----     | -----    | 658       | -----   | -----     | 9,744   | 1,642     |
| 5511 MACHINERY, EXCEPT ELECTRICAL--- | 36,689    | 2,771   | 100       | 50       | 3,150     | 7,855   | 195       | 18,630  | 6,138     |
| 3 1 MOTOR VEHICLES, PARTS, EQUIP---  | 2,342     | -----   | -----     | -----    | -----     | -----   | -----     | 303     | 1,349     |
| 3721 AIRCRAFT AND PARTS-----         | 1,661     | -----   | -----     | -----    | 1,661     | -----   | -----     | -----   | -----     |
| 3731 SHIPS AND BOATS-----            | 214       | -----   | -----     | -----    | -----     | -----   | -----     | 130     | 84        |
| 4011 IRON AND STEEL SCRAP-----       | 991,188   | 13,996  | -----     | 3,235    | 160,823   | -----   | -----     | 381,875 | 431,259   |
| 4012 NONFERROUS METAL SCRAP-----     | 5,744     | -----   | -----     | -----    | 5,744     | -----   | -----     | -----   | -----     |
| 4029 WASTE AND SCRAP, NEC-----       | 34,613    | -----   | -----     | -----    | -----     | -----   | -----     | -----   | 34,613    |
| 4112 COMMODITIES, NEC-----           | 2,772     | -----   | -----     | -----    | -----     | -----   | -----     | 2,772   | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----   | 3,035,638 | -----   | -----     | 1,200    | 2,794,284 | 423,923 | 599,356   | 15,875  | -----     |
| TUN-MILES, INTERNAL, 17,858,645,163. |           |         |           |          |           |         |           |         |           |

TONS, ALL TRAFFIC, 104,491,828.  
TUN-MILES, ALL TRAFFIC, 17,860,485,768.

MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA.,  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO  
MOUTH OF PASSES)

SECTION INCLUDED: MOUTH OF OHIO RIVER TO BATON ROUGE, LA; LOWER MISSISSIPPI RIVER FROM MILE 954 TO MILE 236. CONTROLLING DEPTHS NOT LESS THAN 9 FEET MAINTAINED DURING LOW WATER AND COMMENSURABLY GREATER DEPTHS AVAILABLE DURING THE HIGH WATER SEASON. PROJECT DEPTHS 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS | YEAR      | VESSEL TRAFFIC (TONS) | RAFTED (TONS) | TOTAL (TONS) | PASSENGERS |
|-----------|-----------------------|---------------|--------------|------------|-----------|-----------------------|---------------|--------------|------------|
| 1978----- | 135,158,191           | -----         | 135,158,191  | 42,136     | 1983----- | 148,147,967           | -----         | 148,147,967  | 73,260     |
| 1979----- | 137,009,630           | -----         | 137,009,630  | 29,647     | 1984----- | 156,581,790           | -----         | 156,581,790  | 77,275     |
| 1980----- | 146,271,193           | -----         | 146,271,193  | 28,469     | 1985----- | 149,874,891           | -----         | 149,874,891  | 63,846     |
| 1981----- | 149,285,108           | -----         | 149,285,108  | 64,774     | 1986----- | 156,194,188           | -----         | 156,194,188  | 67,291     |
| 1982----- | 143,100,665           | -----         | 143,100,665  | 64,453     | 1987----- | 167,759,000           | -----         | 167,759,000  | 58,227     |

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

## ADDITIONAL TRAFFIC - CAR FERRY TRAFFIC

|   | EASTBOUND | WESTBOUND |
|---|-----------|-----------|
| NUMBER OF EMPTY CARS TRANSPORTED-----   | -----     | -----     |
| NUMBER OF LOADED CARS TRANSPORTED-----  | -----     | -----     |
| NUMBER OF TRIPS, DRAFT 4 TO 9 FEET----- | -----     | -----     |

## FREIGHT TRAFFIC, 1987

## OCEANGOING

(SHORT TONS)

| COMMODITY                               | TOTAL  | FOREIGN |         | DOMESTIC  |         |
|---|--------|---------|---------|-----------|---------|
|   |        | IMPORTS | EXPORTS | COASTWISE |         |
|   |        |         |         | THROUGH   | UPBOUND |
| TOTAL-----                              | 11,934 | 160     | 129     | 1,286     | 10,339  |
| 0161 ANIMALS AND PRODUCTS, NEC-----     | 5      | -----   | 5       | -----     | -----   |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 7      | 7       | 7       | -----     | -----   |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 10     | 10      | 10      | -----     | -----   |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----  | 107    | 107     | 107     | -----     | -----   |
| 2031 FISH AND SHELLFISH, PREPARED-----  | 79     | 79      | 79      | -----     | -----   |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 16     | 16      | 16      | -----     | -----   |
| 2813 ALCOHOLS-----                      | 1,286  | -----   | 1,286   | -----     | -----   |
| 2841 SOAP-----                          | 11     | 11      | 11      | -----     | -----   |
| 2915 RESIDUAL FUEL OIL-----             | 8,539  | -----   | 8,539   | -----     | 8,539   |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 71     | 71      | 71      | -----     | -----   |
| 3411 FABRICATED METAL PRODUCTS-----     | 2      | 2       | 2       | -----     | -----   |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 901    | -----   | 1       | -----     | 900     |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 900    | -----   | 900     | -----     | 900     |

TON-MILES, OCEANGOING, 8,392,647.

## Waterborne Commerce of the United States, 1987

MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA.,  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO  
MOUTH OF PASSES)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## INTERNAL

## (SHORT TONS)

| COMMODITY                                    | TOTAL      | INBOUND   |            | OUTBOUND |           | UPBOUND | DOWNBOUND | THROUGH    |             |
|--|------------|-----------|------------|----------|-----------|---------|-----------|------------|-------------|
|  |            | UPBOUND   | DOWNBOUND  | UPBOUND  | DOWNBOUND |         |           | UPBOUND    | DOWNBOUND   |
| TOTAL-----                                   | 67,747,066 | 6,034,302 | 12,981,306 | 841,648  | 7,448,471 | 313,303 | 401,234   | 37,478,775 | 102,287,987 |
| 0102 BARLEY AND MYS-----                     | 60,071     | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 60,071      |
| 0103 CORN-----                               | 29,109,732 | 3,177     | 123,597    | 1,348    | 325,717   | -----   | 4,532     | 25,797     | 20,625,564  |
| 0104 DATS-----                               | 105,459    | 31,050    | 2,966      | -----    | 299       | -----   | 3,023     | 60,281     | 7,860       |
| 0105 RICE-----                               | 942,233    | 1,200     | -----      | -----    | 1,618     | 724,162 | -----     | -----      | 215,253     |
| 0106 SUGARUM GRAINS-----                     | 1,895,384  | 1,633     | 2,957      | 3,105    | 650,512   | -----   | -----     | -----      | 1,237,177   |
| 0107 WHEAT-----                              | 4,945,067  | -----     | 5,216      | 9,693    | 916,051   | -----   | -----     | 68,392     | 3,945,715   |
| 0111 SOYBEANS-----                           | 16,727,663 | 1,500     | 130,372    | 5,123    | 2,134,321 | -----   | 14,917    | 9,651      | 14,431,579  |
| 0119 OILSEEDS, NEC-----                      | 30,142     | -----     | -----      | 27,452   | -----     | -----   | -----     | 2,690      | -----       |
| 0122 HAY AND FODDER-----                     | 266        | -----     | -----      | -----    | 266       | -----   | -----     | -----      | -----       |
| 0191 MISCELLANEOUS FARM PRODUCTS-----        | 2,074      | -----     | 1,307      | -----    | -----     | -----   | -----     | -----      | 1,367       |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 25         | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 25          |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 136        | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 136         |
| 0931 MARINE SHELLS, UNMANUFACTURED-----      | 74,073     | 53,750    | 6,150      | -----    | -----     | -----   | -----     | 33,573     | -----       |
| 1011 IRON ORE AND CONCENTRATES-----          | 1,770,708  | 3,197     | -----      | 19,200   | -----     | -----   | -----     | 1,745,803  | 2,508       |
| 1021 COPPER ORE AND CONCENTRATES-----        | 66,427     | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 66,427      |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 234,410    | -----     | -----      | -----    | -----     | -----   | -----     | 233,010    | 1,400       |
| 1061 VANADANE ORES, CONCENTRATES-----        | 251,513    | 5,657     | -----      | -----    | -----     | -----   | -----     | 221,451    | 24,405      |
| 1091 VANFERROUS ORES, CONCENTRATES, NEC----- | 269,150    | 1,400     | -----      | 5,914    | -----     | -----   | -----     | 238,998    | 22,038      |
| 1121 COAL AND LIGNITE-----                   | 30,595,156 | -----     | 6,224,086  | -----    | 2,900     | -----   | 14,406    | 59,618     | 24,307,152  |
| 1311 CRUDE PETROLEUM-----                    | 1,067,116  | 279,256   | -----      | 22,315   | 677,661   | -----   | -----     | 231,216    | 396,660     |
| 1411 LIMESTONE-----                          | 2,008,036  | 909,944   | -----      | -----    | -----     | -----   | -----     | 8,788      | 1,089,308   |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----         | 3,969,600  | 1,516     | 1,973,769  | 40,893   | 21,635    | 71,496  | 219,730   | 101,611    | 1,538,950   |
| 1451 CLAY-----                               | 63,183     | 13,122    | -----      | -----    | 406       | -----   | -----     | 45,118     | 45,537      |
| 1471 PHOSPHATE ROCK-----                     | 10,963     | -----     | -----      | -----    | -----     | -----   | -----     | 6,775      | 4,188       |
| 1479 NATURAL FERTILIZER MATS, NEC-----       | 4,269      | -----     | -----      | 1,423    | 1,496     | -----   | -----     | 1,350      | -----       |
| 1493 SULPHUR, LIQUID-----                    | 5,379      | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 5,379       |
| 1494 GYPSUM, CRUDE AND PLASTERS-----         | 213,615    | -----     | -----      | -----    | -----     | -----   | -----     | 213,615    | -----       |
| 1499 NONMETALLIC MINERALS, NEC-----          | 3,208,862  | 20,132    | -----      | -----    | 1,639     | -----   | 1,563     | 3,176,450  | 9,078       |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 51,162     | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 51,162      |
| 2042 ANIMAL FEEDS-----                       | 8,161,061  | 68,193    | 28,866     | 3,578    | 27,717    | -----   | -----     | 141,249    | 7,891,398   |
| 2049 GRAIN MILL PRODUCTS, NEC-----           | 4,957,992  | 387       | 13,085     | 1,634    | 373,342   | -----   | -----     | 5,367      | 4,564,177   |
| 2061 SUGAR-----                              | 97,437     | -----     | -----      | -----    | -----     | -----   | -----     | 85,979     | 11,458      |
| 2062 MOLASSES-----                           | 390,136    | -----     | -----      | -----    | -----     | -----   | -----     | 380,773    | 9,363       |
| 2091 VEGETABLE OILS, MARG, SHORT-----        | 643,775    | -----     | 57,746     | -----    | 99,453    | -----   | -----     | 33,049     | 653,027     |
| 2092 ANIMAL OILS AND FATS, NEC-----          | 11,062     | -----     | -----      | -----    | -----     | -----   | -----     | 11,062     | -----       |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----        | 16,455     | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 16,455      |
| 2211 BASIC TEXTILE PRODUCTS-----             | 17,945     | -----     | -----      | -----    | -----     | -----   | -----     | 17,943     | -----       |
| 2411 LUGS-----                               | 196,298    | -----     | -----      | -----    | 144,834   | -----   | -----     | -----      | 51,464      |
| 2416 WOOD CHIPS, STAVES, MULDINGS-----       | 1,173      | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 1,173       |
| 2421 LUMBER-----                             | 21,692     | -----     | -----      | 12,632   | -----     | -----   | -----     | 5,506      | 3,554       |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----       | 47,405     | -----     | 40,050     | -----    | 317       | -----   | -----     | 7,038      | -----       |
| 2611 PULP-----                               | 65,659     | -----     | -----      | -----    | 35,058    | -----   | -----     | 7,649      | 22,952      |
| 2621 STANDARD NEWSPRINT PAPER-----           | 34,171     | -----     | -----      | -----    | -----     | -----   | -----     | 670        | 33,501      |
| 2631 PAPER AND PAPERBOARD-----               | 139,898    | -----     | -----      | 7,318    | 10,997    | -----   | -----     | 110,780    | 10,803      |
| 2691 PULP AND PAPER PRODUCTS, NEC-----       | 43,581     | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 45,581      |
| 2810 SODIUM HYDROXIDE-----                   | 1,784,001  | 83,435    | 2,575      | -----    | -----     | -----   | -----     | 1,631,965  | 66,408      |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----       | 435,032    | -----     | -----      | -----    | -----     | -----   | -----     | 141,870    | 293,162     |
| 2813 ALCOHOLS-----                           | 1,456,696  | 84,915    | 9,362      | -----    | -----     | -----   | -----     | 1,167,535  | 188,884     |
| 2817 BENZENE AND TOLUENE-----                | 386,038    | 4,314     | -----      | -----    | -----     | -----   | -----     | 86,832     | 295,292     |
| 2818 SULPHURIC ACID-----                     | 146,145    | -----     | -----      | -----    | -----     | -----   | -----     | 58,625     | 87,520      |
| 2819 BASIC CHEMICALS AND PROD, NEC-----      | 7,867,202  | 532,772   | 64,503     | 58,796   | 43,643    | 2,125   | 2,500     | 6,594,275  | 560,590     |
| 2821 PLASTIC MATERIALS-----                  | 4,498      | 265       | -----      | -----    | -----     | -----   | -----     | -----      | 4,233       |
| 2841 SAP-----                                | 5,666      | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 5,666       |
| 2861 GUM AND WOOD CHEMICALS-----             | 98,485     | 26,841    | -----      | -----    | 61,644    | -----   | -----     | -----      | -----       |
| 2871 NITROGENOUS CHEM FERTILIZERS-----       | 5,125,419  | 317,560   | 18,042     | 220,483  | 31,747    | 16,557  | 3,236     | 2,101,189  | 412,005     |
| 2872 POTASSIC CHEM FERTILIZERS-----          | 617,347    | 56,822    | 51,659     | 24,437   | 3,203     | 9,193   | -----     | 393,722    | 78,311      |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----        | 407,976    | 25,072    | 2,732      | -----    | -----     | -----   | -----     | 377,503    | 2,669       |
| 2879 FERTILIZER AND MATERIALS, NEC-----      | 5,220,853  | 102,035   | 4,415      | 41,339   | 23,637    | -----   | -----     | 3,038,382  | 10,645      |
| 2891 MISCELLANEOUS CHEMICAL PROD-----        | 139,683    | -----     | -----      | -----    | -----     | -----   | -----     | 94,845     | 44,838      |
| 2911 GASLINE-----                            | 6,447,635  | 2,622,572 | 41,934     | 3,657    | 41,091    | 107,737 | 23,866    | 3,348,378  | 258,000     |
| 2912 JET FUEL-----                           | 818,910    | 326,275   | 2,872      | -----    | -----     | -----   | -----     | 488,863    | -----       |
| 2913 KEROSENE-----                           | 131,524    | -----     | -----      | 25,595   | -----     | -----   | -----     | 99,191     | 6,738       |
| 2914 DISTILLATE FUEL OIL-----                | 2,536,062  | 541,243   | 18,183     | 20,092   | 19,427    | 82,089  | 10,615    | 1,476,204  | 164,209     |
| 2915 RESIDUAL FUEL OIL-----                  | 3,588,772  | 414,780   | 12,108     | 24,331   | 32,539    | -----   | -----     | 1,235,460  | 1,669,754   |
| 2916 LUBRICATING OILS AND GREASES-----       | 1,231,773  | 52,876    | 6,249      | 4,981    | -----     | -----   | -----     | 956,899    | 210,766     |
| 2917 ASPHALT, TAR, AND PITCHES-----          | 540,000    | 22,666    | -----      | 17,699   | 11,779    | -----   | -----     | 272,920    | 214,912     |
| 2920 COKE, PETROLEUM COKE-----               | 1,628,004  | 111,340   | 5,272      | 29,182   | 21,930    | 6,186   | -----     | 1,243,865  | 213,829     |
| 2921 LIQUEFIED GASES-----                    | 181,267    | 87,398    | -----      | -----    | -----     | -----   | -----     | 910,489    | 1,272,998   |
| 2991 PETROLEUM AND COAL PROD, NEC-----       | 25,213     | -----     | -----      | -----    | -----     | -----   | -----     | 71,899     | 21,910      |
| 3211 GLASS AND GLASS PRODUCTS-----           | 5,016      | -----     | -----      | -----    | -----     | -----   | -----     | 5,816      | -----       |
| 3261 BUILDING CEMENT-----                    | 1,730,222  | -----     | 116,432    | -----    | -----     | -----   | -----     | 880,275    | 733,515     |
| 3251 STRUCTURAL CLAY PRODUCTS-----           | 9,458      | -----     | -----      | -----    | -----     | -----   | -----     | 9,458      | -----       |
| 3271 LIME-----                               | 256,324    | -----     | 14,772     | -----    | -----     | -----   | 1,544     | -----      | 240,000     |
| 3281 CUT STONE AND STONE PRODUCTS-----       | 1,405      | -----     | -----      | -----    | -----     | -----   | -----     | -----      | 1,405       |
| 3291 MISCELLANEOUS MINERAL PROD-----         | 14,096     | -----     | -----      | -----    | -----     | -----   | -----     | 14,896     | -----       |
| 3311 PIG IRON-----                           | 99,245     | 1,358     | -----      | -----    | -----     | -----   | -----     | 90,157     | 7,730       |
| 3312 SLAG-----                               | 172,292    | -----     | 2,655      | 7,503    | 66,189    | -----   | -----     | 15,260     | 81,085      |
| 3314 IRON AND STEEL PRIMARY FORMS-----       | 792,515    | 4,077     | 10,983     | -----    | -----     | -----   | -----     | 614,307    | 163,168     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----      | 1,315,285  | 28,386    | 8,104      | -----    | 1,600     | -----   | -----     | 1,047,092  | 230,103     |
| 3316 IRON AND STEEL PLATES, SHEETS-----      | 453,152    | 3,188     | 13,507     | 1,448    | -----     | -----   | -----     | 159,342    | 275,667     |
| 3317 IRON AND STEEL PIPE AND TUBE-----       | 269,584    | 8,682     | 1,615      | -----    | -----     | -----   | -----     | 119,829    | 139,458     |
| 3318 FERROALLOYS-----                        | 196,850    | 14,360    | 2,331      | 13,362   | -----     | -----   | -----     | 755,137    | 11,660      |
| 3319 IRON AND STEEL PRODUCTS, NEC-----       | 267,068    | 2,800     | 1,449      | 1,400    | -----     | -----   | -----     | 156,560    | 104,059     |
| 3321 NONFERROUS METALS, NEC-----             | 6,349      | -----     | -----      | -----    | -----     | -----   | -----     | 6,349      | -----       |
| 3322 COPPER ALLOYS, UNWORKED-----            | 35,932     | 1,266     | -----      | -----    | -----     | -----   | -----     | 32,151     | 1,615       |
| 3323 LEAD AND ZINC, UNWORKED-----            | 82,795     | 1,700     | -----      | -----    | -----     | -----   | -----     | 78,277     | 2,818       |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----      | 52,729     | 1,362     | -----      | -----    | -----     | -----   | -----     | 48,441     | 2,926       |
| 3411 FABRICATED METAL PRODUCTS-----          | 59,996     | 949       | -----      | -----    | -----     | -----   | -----     | 38,616     | 4,431       |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----       | 62,465     | 1,355     | 2,400      | -----    | -----     | -----   | -----     | 39,299     | 19,409      |

# MISSISSIPPI RIVER

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MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA.,  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO  
MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                                | TOTAL     | INBOUND |           | OUTBOUND |           | UPBOUND | DOWNBOUND | THROUGH |           |
|--|-----------|---------|-----------|----------|-----------|---------|-----------|---------|-----------|
|  |           | UPBOUND | DOWNBOUND | UPBOUND  | DOWNBOUND |         |           | UPBOUND | DOWNBOUND |
| 3611 ELECTRICAL MACH AND EQUIP-----      | 3,912     | 2,375   | -----     | -----    | -----     | -----   | -----     | 512     | 1,025     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP---     | 6,148     | -----   | -----     | -----    | -----     | -----   | -----     | 6,799   | 1,349     |
| 3731 SHIPS AND BOATS-----                | 1,214     | -----   | -----     | -----    | -----     | -----   | -----     | 1,130   | 85        |
| 4011 IRON AND STEEL SCRAP-----           | 1,599,282 | 776     | 1,400     | 34,632   | 60,398    | -----   | -----     | 251,382 | 1,250,754 |
| 4012 NONFERROUS METAL SCRAP-----         | 10,393    | -----   | -----     | -----    | -----     | -----   | -----     | -----   | 10,393    |
| 4029 MASTE AND SCRAP, NEC-----           | 79,940    | -----   | -----     | -----    | -----     | -----   | -----     | 1,626   | 76,312    |
| 4112 COMMODITIES, NEC-----               | 5,662     | -----   | -----     | -----    | -----     | 2,870   | -----     | 2,772   | 20        |
| 4118 WATERWAY IMPROVEMENT MAT-----       | 7,245,124 | -----   | 5,086,023 | -----    | 593,248   | 18,000  | 114,308   | 6,088   | 3,429,457 |
| 4119 EMPTY CONTAINERS-----               | 800       | -----   | -----     | -----    | -----     | 1,600   | -----     | -----   | 800       |
| 9999 DEPARTMENT OF DEFENSE AND SCI--     | 1,600     | -----   | -----     | -----    | -----     | -----   | -----     | -----   | -----     |
| TON-MILES, INTERNAL, 104,539,393,435.    |           |         |           |          |           |         |           |         |           |
| TONS, ALL TRAFFIC, 167,759,000.          |           |         |           |          |           |         |           |         |           |
| TON-MILES, ALL TRAFFIC, 104,547,786,082. |           |         |           |          |           |         |           |         |           |

MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO  
MOUTH OF PASSES)

SECTION INCLUDED: BATON ROUGE, LA., TO NEW ORLEANS, LA.; LOWER MISSISSIPPI RIVER FROM MILE 236 TO MILE 106. CONTROLLING DEPTH: 40 FEET.  
PROJECT DEPTH: 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | VESSEL TRAFFIC<br>(TONS) | RAFTED<br>(TONS) | TOTAL<br>(TONS) | PASSENGERS | YEAR      | VESSEL TRAFFIC<br>(TONS) | RAFTED<br>(TONS) | TOTAL<br>(TONS) | PASSENGERS |
|-----------|--------------------------|------------------|-----------------|------------|-----------|--------------------------|------------------|-----------------|------------|
| 1978----- | 301,291,370              | -----            | 301,291,370     | 34,798     | 1983----- | 281,028,362              | -----            | 281,028,362     | 71,183     |
| 1979----- | 314,174,557              | -----            | 314,174,557     | 22,874     | 1984----- | 269,697,002              | -----            | 269,697,002     | 119,768    |
| 1980----- | 323,684,566              | -----            | 323,684,566     | 35,285     | 1985----- | 256,962,743              | -----            | 256,962,743     | 122,657    |
| 1981----- | 328,764,676              | -----            | 328,764,676     | 61,718     | 1986----- | 272,475,106              | -----            | 272,475,106     | 118,276    |
| 1982----- | 296,392,659              | -----            | 296,392,659     | 54,847     | 1987----- | 289,380,806              | -----            | 289,380,806     | 115,005    |

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1987

OCEANGOING

(SHORT TONS)

| COMMODITY                                    | TOTAL       | FOREIGN    |            |         |           | DOMESTIC<br>COASTWISE |           |         |           |
|--|-------------|------------|------------|---------|-----------|-----------------------|-----------|---------|-----------|
|  |             | IMPORTS    | EXPORTS    | THROUGH |           | RECEIPTS              | SHIPMENTS | THROUGH |           |
|  |             |            |            | UPBOUND | DOWNBOUND |                       |           | UPBOUND | DOWNBOUND |
| TOTAL-----                                   | 119,292,628 | 25,197,694 | 68,170,455 | 180     | 129       | 16,119,461            | 9,793,084 | 1,286   | 10,339    |
| 0101 COTTON, RAW-----                        | 59          | -----      | 59         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0102 BARLEY AND RYE-----                     | 73,700      | -----      | 73,700     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0103 CORN-----                               | 21,729,043  | -----      | 21,675,078 | -----   | -----     | -----                 | 53,965    | -----   | -----     |
| 0104 OATS-----                               | 146,068     | 145,770    | -----      | -----   | -----     | -----                 | 298       | -----   | -----     |
| 0105 RICE-----                               | 521,216     | -----      | 521,216    | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0106 SORGHUM GRAINS-----                     | 1,912,112   | -----      | 1,912,112  | -----   | -----     | -----                 | 117,941   | -----   | -----     |
| 0107 MEAT-----                               | 3,809,267   | -----      | 3,691,526  | -----   | -----     | -----                 | 2,917     | -----   | -----     |
| 0111 SOYBEANS-----                           | 15,141,018  | -----      | 15,138,101 | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0119 OILSEEDS, NEC-----                      | 22          | -----      | 22         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0129 FIELD CROPS, NEC-----                   | 7,221       | -----      | 7,221      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0131 FRESH FRUITS-----                       | 226         | -----      | 226        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0133 COFFEE-----                             | 755         | 404        | 291        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0141 FRESH AND FROZEN VEGETABLES-----        | 1,456       | -----      | 1,456      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0161 ANIMALS AND PRODUCTS, NEC-----          | 1,579       | 21         | 1,553      | -----   | 5         | -----                 | -----     | -----   | -----     |
| 0191 MISCELLANEOUS FARM PRODUCTS-----        | 20          | -----      | 20         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0881 CRUDE RUBBER AND ALLIED GUMS-----       | 920         | 628        | 292        | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0881 FOREST PRODUCTS, NEC-----               | 36          | 16         | 20         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----       | 12          | 5          | -----      | 7       | -----     | -----                 | -----     | -----   | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 41          | 31         | -----      | 10      | -----     | -----                 | -----     | -----   | -----     |
| 1011 IRON ORE AND CONCENTRATES-----          | 1,632,039   | 1,632,039  | -----      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1021 COPPER ORE AND CONCENTRATES-----        | 59,755      | -----      | 59,755     | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 3,209,484   | 3,209,484  | 20         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----       | 196,025     | 196,025    | -----      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 93,395      | 65,910     | 7,485      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1121 COAL AND LIGNITE-----                   | 2,913,445   | -----      | 2,913,445  | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1311 CRUDE PETROLEUM-----                    | 21,117,499  | 12,001,409 | -----      | -----   | -----     | 9,038,084             | 78,006    | -----   | -----     |
| 1412 BUILDING STONE, UNWORKED-----           | 51          | -----      | 51         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----         | 5,955       | 5,955      | -----      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1451 CLAY-----                               | 35,562      | 34,516     | 1,046      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1471 PHOSPHATE ROCK-----                     | 5,774,191   | 540,178    | -----      | -----   | -----     | 5,234,013             | -----     | -----   | -----     |
| 1492 SULPHUR, DRY-----                       | 51          | -----      | 51         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1494 GYPSUM, CRUDE AND PLASTER-----          | 146,632     | 146,632    | -----      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----          | 235,991     | 234,494    | 1,497      | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----       | 599         | 358        | 134        | -----   | 107       | -----                 | -----     | -----   | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 168,669     | -----      | 159,009    | -----   | -----     | -----                 | 9,660     | -----   | -----     |
| 2015 ANIMAL BY-PRODUCTS, NEC-----            | 74          | -----      | 74         | -----   | -----     | -----                 | -----     | -----   | -----     |
| 2031 FISH AND SHELLFISH, PREPARED-----       | 194         | 92         | 23         | 79      | -----     | -----                 | -----     | -----   | -----     |
| 2034 VEGETABLES AND PREP, NEC-----           | 1,578       | 70         | 1,506      | -----   | -----     | -----                 | -----     | -----   | -----     |

## Waterborne Commerce of the United States, 1987

MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO  
MOUTH OF PASSES)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## OCEANGUING--CONTINUED

(SHORT TONS)

| COMMODITY                            | TOTAL     | FOREIGN   |           |         | DOMESTIC COASTWISE |           |           |           |
|--------------------------------------|-----------|-----------|-----------|---------|--------------------|-----------|-----------|-----------|
|                                      |           | IMPORTS   | EXPORTS   | THROUGH |                    | SHIPMENTS | THROUGH   |           |
|                                      |           |           |           | UPBOUND | DOWNSOUND          |           | UPBOUND   | DOWNSOUND |
| 2039 PINE FRUIT AND VEG JUICE, NEC-- | 130       | 111       | 19        | -----   | -----              | -----     | -----     | -----     |
| 2041 WHEAT FLOUR AND SEMOLINA--      | 23,655    | -----     | 23,655    | -----   | -----              | -----     | -----     | -----     |
| 2042 ANIMAL FEEDS--                  | 8,172,106 | -----     | 8,169,484 | -----   | -----              | 2,722     | -----     | -----     |
| 2049 GRAIN MILL PRODUCTS, NEC--      | 4,963,310 | 16        | 4,965,207 | -----   | -----              | 18,087    | -----     | -----     |
| 2061 SUGAR--                         | 170,193   | 118,667   | 17,926    | -----   | -----              | 33,600    | -----     | -----     |
| 2062 MOLASSES--                      | 126,183   | 126,183   | -----     | -----   | -----              | -----     | -----     | -----     |
| 2081 ALCOHOLIC BEVERAGES--           | 341       | 341       | -----     | -----   | -----              | -----     | -----     | -----     |
| 2091 VEGETABLE OILS, MARC, SHORT--   | 807,059   | 192,905   | 590,206   | -----   | -----              | 23,948    | -----     | -----     |
| 2092 ANIMAL OILS AND FATS, NEC--     | 34,438    | -----     | 34,438    | -----   | -----              | -----     | -----     | -----     |
| 2095 ICE--                           | 23        | 23        | -----     | -----   | -----              | -----     | -----     | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS--   | 828       | 327       | 501       | -----   | -----              | -----     | -----     | -----     |
| 2111 TUBACCO MANUFACTURES--          | 46        | -----     | 46        | -----   | -----              | -----     | -----     | -----     |
| 2211 BASIC TEXTILE PRODUCTS--        | 839       | 102       | 737       | -----   | -----              | -----     | -----     | -----     |
| 2311 APPAREL--                       | 15        | 5         | 10        | -----   | -----              | -----     | -----     | -----     |
| 2411 LOGS--                          | 21,454    | -----     | 21,454    | -----   | -----              | -----     | -----     | -----     |
| 2413 FUEL WOOD, CHARCOAL, WASTES--   | 129       | -----     | 129       | -----   | -----              | -----     | -----     | -----     |
| 2421 LUMBER--                        | 1,713     | 1,302     | 411       | -----   | -----              | -----     | -----     | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD--  | 4,825     | 374       | 6,451     | -----   | -----              | -----     | -----     | -----     |
| 2491 WOOD MANUFACTURES, NEC--        | 1,302     | -----     | 1,302     | -----   | -----              | -----     | -----     | -----     |
| 2511 FURNITURE AND FIXTURES--        | 121       | 111       | 10        | -----   | -----              | -----     | -----     | -----     |
| 2611 PULP--                          | 334,728   | -----     | 334,728   | -----   | -----              | -----     | -----     | -----     |
| 2631 PAPER AND PAPERBOARD--          | 27,636    | 54        | 27,584    | -----   | -----              | -----     | -----     | -----     |
| 2691 PULP AND PAPER PRODUCTS, NEC--  | 4,293     | -----     | 4,277     | -----   | 16                 | -----     | -----     | -----     |
| 2810 SODIUM HYDROXIDE--              | 460,830   | -----     | -----     | -----   | -----              | 460,830   | -----     | -----     |
| 2811 CHLORINE, OIL, GAS PRODUCTS--   | 23,055    | 3,347     | 19,706    | -----   | -----              | -----     | -----     | -----     |
| 2813 ALCOHOLIS--                     | 410,326   | 42,209    | 405,664   | -----   | 5,900              | 175,261   | 1,286     | -----     |
| 2817 BENZENE AND TOLUENE--           | 88,354    | 31,140    | 14,101    | -----   | 43,113             | -----     | -----     | -----     |
| 2819 BASIC CHEMICALS AND PROD, NEC-- | 5,429,971 | 2,691,516 | 2,329,449 | -----   | 117,288            | 291,718   | -----     | -----     |
| 2821 PLASTIC MATERIALS--             | 5,150     | 2         | 5,156     | -----   | -----              | -----     | -----     | -----     |
| 2822 SYNTHETIC RUBBER--              | 668       | -----     | 668       | -----   | -----              | -----     | -----     | -----     |
| 2823 SYNTHETIC (MAN-MADE) FIBERS--   | 111       | -----     | 111       | -----   | -----              | -----     | -----     | -----     |
| 2831 DRUGS--                         | 4         | 3         | 1         | -----   | -----              | -----     | -----     | -----     |
| 2841 SOAP--                          | 11        | -----     | 11        | -----   | -----              | -----     | -----     | -----     |
| 2851 PAINTS--                        | 4,953     | 4,869     | 84        | -----   | -----              | -----     | -----     | -----     |
| 2861 GUM AND WOOD CHEMICALS--        | 1,008     | -----     | 1,008     | -----   | -----              | -----     | -----     | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS--  | 1,738,573 | 676,645   | 969,611   | -----   | 20,392             | 71,925    | -----     | -----     |
| 2872 POTASSIC CHEM FERTILIZERS--     | 211,776   | 207,285   | 6,491     | -----   | -----              | -----     | -----     | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS--   | 192,524   | 52,360    | 16,694    | -----   | 113,968            | 7,502     | -----     | -----     |
| 2876 INSECTICIDES, DISINFECTANTS--   | 2,330     | 2,234     | 96        | -----   | -----              | -----     | -----     | -----     |
| 2877 FERTILIZER AND MATERIALS, NEC-- | 1,672,900 | -----     | 942,559   | -----   | 724,882            | 5,459     | -----     | -----     |
| 2891 MISCELLANEOUS CHEMICAL PROD--   | 36,659    | 13,251    | 23,400    | -----   | -----              | -----     | -----     | -----     |
| 2911 GASOLINE--                      | 3,896,364 | 107,225   | 1,334     | -----   | 66,881             | 3,320,924 | -----     | -----     |
| 2912 JET FUEL--                      | 461,874   | 33,279    | 246,407   | -----   | -----              | 180,188   | -----     | -----     |
| 2913 KEROSENE--                      | 415,704   | 33,224    | -----     | -----   | 362,731            | 19,749    | -----     | -----     |
| 2914 DISTILLATE FUEL OIL--           | 1,704,817 | 75,016    | 191,797   | -----   | -----              | 14,815    | 1,423,589 | -----     |
| 2915 RESIDUAL FUEL OIL--             | 4,764,220 | 589,854   | 979,434   | -----   | 224,819            | 2,961,974 | -----     | 8,539     |
| 2916 LUBRICATING OILS AND GREASES--  | 651,027   | 62,051    | 285,087   | -----   | 10,682             | 292,607   | -----     | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS--   | 159,183   | 29,074    | -----     | -----   | 95,746             | 34,363    | -----     | -----     |
| 2918 ASPHALT, TAR, AND PITCHES--     | 316,184   | 66,042    | 26,024    | -----   | 2,037              | 224,081   | -----     | -----     |
| 2920 COKE, PETROLEUM COKE--          | 919,536   | 255,836   | 663,700   | -----   | -----              | -----     | -----     | -----     |
| 2921 LIQUEFIED GASES--               | 280,091   | 279,911   | 180       | -----   | -----              | -----     | -----     | -----     |
| 2991 PETROLEUM AND COAL PROD, NEC--  | 15,370    | -----     | -----     | -----   | -----              | 15,370    | -----     | -----     |
| 3011 RUBBER AND MISC PLASTIC PROD--  | 502       | 343       | 219       | -----   | -----              | -----     | -----     | -----     |
| 3111 LEATHER AND LEATHER PRODUCTS--  | 135       | 135       | -----     | -----   | -----              | -----     | -----     | -----     |
| 3211 GLASS AND GLASS PRODUCTS--      | 82        | 82        | -----     | -----   | -----              | -----     | -----     | -----     |
| 3241 BUILDING CEMENT--               | 820,798   | 820,798   | -----     | -----   | -----              | -----     | -----     | -----     |
| 3251 STRUCTURAL CLAY PRODUCTS--      | 302       | 40        | 262       | -----   | -----              | -----     | -----     | -----     |
| 3281 CUT STONE AND STONE PRODUCTS--  | 40        | 40        | -----     | -----   | -----              | -----     | -----     | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD-- | 17        | 17        | -----     | -----   | -----              | -----     | -----     | -----     |
| 3311 PIG IRON--                      | 45,514    | 41,064    | 4,450     | -----   | -----              | -----     | -----     | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS--  | 27,040    | 27,040    | -----     | -----   | -----              | -----     | -----     | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-- | 25,376    | 25,246    | 65        | 71      | -----              | -----     | -----     | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-- | 3,095     | 19        | 3,076     | -----   | -----              | -----     | -----     | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE--  | 17,144    | 17,139    | 5         | -----   | -----              | -----     | -----     | -----     |
| 3318 FERROALLOYS--                   | 238,391   | 238,368   | 25        | -----   | -----              | -----     | -----     | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC--  | 9,884     | 156       | 9,688     | -----   | -----              | -----     | -----     | -----     |
| 3321 NUNFERROUS METALS, NEC--        | 351       | 306       | 43        | -----   | -----              | -----     | -----     | -----     |
| 3322 COPPER ALLOYS, UNWORKED--       | 2,188     | 2,187     | 1         | -----   | -----              | -----     | -----     | -----     |
| 3329 ALUMINUM AND ALLOYS, UNWORKED-- | 20,722    | 28,536    | 186       | -----   | -----              | -----     | -----     | -----     |
| 3411 FABRICATED METAL PRODUCTS--     | 1,150     | 934       | 214       | 2       | -----              | -----     | -----     | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL--  | 2,091     | 613       | 577       | -----   | 1                  | -----     | -----     | 900       |
| 3611 ELECTRICAL MACH AND EQUIP--     | 1,014     | 37        | 77        | -----   | -----              | -----     | -----     | 900       |
| 3711 MOTOR VEHICLES, PARTS, EQUIP--  | 704       | 592       | 112       | -----   | -----              | -----     | -----     | -----     |
| 3731 SHIPS AND BOATS--               | 35        | 24        | 11        | -----   | -----              | -----     | -----     | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT-- | 210       | -----     | 210       | -----   | -----              | -----     | -----     | -----     |
| 3811 INSTN, TIME, PHOT, OPT GOODES-- | 7         | 2         | 5         | -----   | -----              | -----     | -----     | -----     |
| 3911 MISC MANUFACTURED PRODUCTS--    | 73        | 53        | 26        | -----   | -----              | -----     | -----     | -----     |
| 4011 IRON AND STEEL SCRAP--          | 897,118   | 36,610    | 849,398   | -----   | 11,310             | -----     | -----     | -----     |
| 4012 NUNFERROUS METAL SCRAP--        | 37,259    | 31,045    | 6,214     | -----   | -----              | -----     | -----     | -----     |
| 4022 TEXTILE WASTE, SCRAP, SHEEP--   | 33        | -----     | 33        | -----   | -----              | -----     | -----     | -----     |
| 4024 PAPER WASTE AND SCRAP--         | 240       | -----     | 240       | -----   | -----              | -----     | -----     | -----     |
| 4112 COMMODITIES, NEC--              | 17,907    | 17,501    | 406       | -----   | -----              | -----     | -----     | -----     |
| 9999 DEPARTMENT OF DEFENSE AND SEC-- | 6         | -----     | 6         | -----   | -----              | -----     | -----     | -----     |

TON-MILES, OCEANGUING, 6,193,047,277, 1

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO  
MOUTH OF PASSES)--CONTINUED

## FREIGHT TRAFFIC, 1967--CONTINUED

## INTERNAL

(SHORT TONS)

| COMMODITY                                | TOTAL       | INBOUND   |            | OUTBOUND   |            | UPBOUND   | DOWNBOUND | THROUGH    |            |
|--|-------------|-----------|------------|------------|------------|-----------|-----------|------------|------------|
|  |             | UPBOUND   | DOWNBOUND  | UPBOUND    | DOWNBOUND  |           |           | UPBOUND    | DOWNBOUND  |
| TOTAL-----                               | 170,086,176 | 9,246,995 | 63,741,490 | 24,228,345 | 10,086,173 | 2,716,699 | 2,769,801 | 16,920,428 | 40,379,247 |
| 0102 BARLEY AND MYE-----                 | 60,071      | 25,617    | -----      | -----      | -----      | -----     | -----     | -----      | 34,454     |
| 0103 CORN-----                           | 20,519,916  | 40,762    | 20,148,043 | 24,627     | 6,302      | 1,613     | 1,800     | 2,861      | 8,294,308  |
| 0104 OATS-----                           | 181,940     | -----     | 4,253      | 141,548    | 30,636     | -----     | 1,595     | -----      | 3,906      |
| 0105 RICE-----                           | 871,809     | 4,581     | 580,116    | 1,200      | -----      | -----     | -----     | -----      | 285,912    |
| 0106 SUGAR GRAINS-----                   | 1,927,545   | 43,809    | 1,522,990  | 1,633      | -----      | 1,454     | 3,186     | -----      | 354,673    |
| 0107 MEAT-----                           | 4,993,119   | 51,233    | 3,379,558  | 8,877      | 33,432     | 16,825    | 20,068    | -----      | 1,483,126  |
| 0111 SOYBEANS-----                       | 16,448,427  | 216,246   | 12,640,315 | 4,857      | 9,360      | 5,660     | 3,713     | 2,400      | 3,362,296  |
| 0119 OILSEEDS, NEC-----                  | 2,990       | 300       | -----      | -----      | -----      | -----     | -----     | 2,690      | -----      |
| 0122 HAY AND FODDER-----                 | 266         | 266       | -----      | -----      | -----      | -----     | -----     | -----      | -----      |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 1,367       | -----     | 1,367      | -----      | -----      | -----     | -----     | -----      | -----      |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 106         | -----     | 53         | -----      | -----      | 53        | -----     | -----      | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 348         | -----     | 174        | -----      | 174        | -----     | -----     | -----      | -----      |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 138,673     | 64,350    | -----      | 2,933      | -----      | -----     | -----     | 71,390     | -----      |
| 1011 IRON ORE AND CONCENTRATES-----      | 1,784,646   | 3,200     | 2,508      | 1,593,247  | 5,407      | 25,928    | 1,400     | 152,956    | -----      |
| 1021 COPPER ORE AND CONCENTRATES-----    | 66,427      | -----     | 66,427     | -----      | -----      | -----     | -----     | -----      | -----      |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 241,872     | -----     | -----      | 223,056    | 12,994     | -----     | -----     | 5,822      | -----      |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 254,513     | -----     | -----      | 194,785    | 1,400      | -----     | 1,400     | 32,323     | 24,405     |
| 1091 NUNFERROUS ORES, CONCENT., NEC----- | 249,002     | -----     | -----      | 94,396     | 7,170      | -----     | -----     | 144,587    | 2,849      |
| 1121 COAL AND LIGNITE-----               | 22,850,252  | 79,856    | 2,905,518  | 30,681     | -----      | 1,473     | 1,712     | 27,620     | 19,803,388 |
| 1311 CRUDE PETROLEUM-----                | 6,557,811   | 2,856,156 | 1,276,083  | 753,123    | 977,889    | 175,583   | 121,126   | 88,648     | 107,243    |
| 1411 LIMESTONE-----                      | 1,065,677   | -----     | 903,912    | 7,373      | -----      | -----     | -----     | -----      | 154,392    |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 1,780,244   | -----     | 455,409    | 85,684     | 425,683    | -----     | -----     | 19,040     | 794,228    |
| 1451 CLAY-----                           | 42,361      | -----     | -----      | 32,353     | -----      | -----     | -----     | 5,065      | 4,943      |
| 1471 PHOSPHATE ROCK-----                 | 10,963      | -----     | 1,463      | 4,020      | -----      | -----     | -----     | 2,755      | 2,725      |
| 1473 NATURAL FERTILIZER MATS, NEC-----   | 2,646       | -----     | 1,496      | 1,350      | -----      | -----     | -----     | -----      | -----      |
| 1493 SULPHUR, LIQUID-----                | 559,958     | 351,796   | 34,239     | -----      | 107,615    | 29,257    | 29,805    | -----      | 7,228      |
| 1494 GYPSUM, CRUDE AND PLASTERS-----     | 213,615     | -----     | -----      | 198,752    | -----      | -----     | -----     | 14,863     | -----      |
| 1499 NONMETALLIC MINERALS, NEC-----      | 2,936,353   | 67,468    | 209,210    | 323,581    | 12,347     | -----     | -----     | 2,317,501  | 6,246      |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 51,162      | 7,043     | -----      | -----      | -----      | -----     | -----     | -----      | 44,119     |
| 2042 ANIMAL FEEDS-----                   | 8,205,448   | 60,362    | 7,791,918  | 60,725     | 572        | 5,905     | 6,756     | 144,749    | 132,461    |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 4,946,163   | 4,231     | 4,733,940  | 2,787      | -----      | 1,585     | -----     | 1,491      | 202,129    |
| 2061 SUGAR-----                          | 176,078     | 39,664    | 13,232     | 35,879     | -----      | -----     | 36,279    | 47,091     | 3,933      |
| 2062 MOLASSES-----                       | 415,457     | 4,790     | 4,222      | 262,972    | 21,003     | -----     | -----     | 117,329    | 5,141      |
| 2091 VEGETABLE OILS, MARL, SHORT-----    | 722,678     | 3,569     | 490,835    | 18,150     | 11,004     | 1,853     | 5,481     | 6,318      | 187,448    |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 11,062      | -----     | -----      | -----      | -----      | -----     | -----     | 11,062     | -----      |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 23,655      | 7,200     | -----      | -----      | -----      | -----     | -----     | -----      | 10,455     |
| 2211 BASIC TEXTILE PRODUCTS-----         | 17,943      | -----     | -----      | -----      | -----      | -----     | -----     | 17,943     | -----      |
| 2411 LUGS-----                           | 27,130      | 1,475     | -----      | -----      | -----      | -----     | -----     | -----      | 25,655     |
| 2416 MUDD CHIPS, STAVES, MULDINGS-----   | 1,173       | -----     | 1,173      | -----      | -----      | -----     | -----     | -----      | -----      |
| 2421 LUMBER-----                         | 9,060       | -----     | -----      | -----      | -----      | -----     | -----     | 5,506      | 3,558      |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 7,355       | -----     | -----      | -----      | -----      | -----     | -----     | 7,038      | 3,17       |
| 2611 PULP-----                           | 66,843      | -----     | 7,049      | 1,184      | -----      | -----     | -----     | -----      | 58,010     |
| 2621 STANDARD NEWSPRINT PAPER-----       | 26,035      | -----     | 9,923      | -----      | -----      | -----     | -----     | 670        | 15,042     |
| 2631 PAPER AND PAPERBOARD-----           | 91,578      | -----     | -----      | 1,330      | -----      | -----     | -----     | 69,676     | 20,572     |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 43,581      | -----     | -----      | -----      | -----      | -----     | -----     | -----      | 43,581     |
| 2810 SODIUM HYDROXIDE-----               | 2,669,179   | 91,486    | 59,782     | 1,459,733  | 493,375    | 95,854    | 85,118    | 293,361    | 30,470     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 363,149     | -----     | 47,660     | 15,428     | 1,393      | -----     | 6,458     | 101,933    | 188,077    |
| 2813 ALCOHOLS-----                       | 1,782,021   | 37,726    | 102,703    | 788,070    | 138,001    | 76,294    | 26,099    | 537,868    | 75,180     |
| 2816 RADIONACTIVE MATERIALS, WASTES----- | 1,384       | -----     | 1,340      | -----      | -----      | -----     | -----     | -----      | -----      |
| 2817 BENZENE AND TOLUENE-----            | 2,508,032   | 326,066   | 713,473    | 443,189    | 579,771    | 59,903    | 215,340   | 76,983     | 93,307     |
| 2818 SULPHURIC ACID-----                 | 817,642     | 146,441   | 159,793    | 114,302    | 153,554    | 159,097   | 79,335    | -----      | 5,120      |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 11,168,810  | 370,238   | 1,014,756  | 3,476,010  | 607,163    | 1,319,639 | 884,482   | 3,267,197  | 228,725    |
| 2821 PLASTIC MATERIALS-----              | 4,496       | -----     | -----      | -----      | -----      | -----     | -----     | 265        | 4,233      |
| 2841 SOAP-----                           | 5,666       | -----     | -----      | -----      | -----      | -----     | -----     | -----      | 5,066      |
| 2861 GUM AND WOOD CHEMICALS-----         | 88,485      | -----     | -----      | -----      | -----      | -----     | -----     | 26,841     | 61,644     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 2,724,927   | -----     | 308,883    | 2,065,259  | 121,150    | 21,472    | 16,951    | 126,845    | 66,367     |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 508,104     | 5,843     | 28,660     | 216,068    | 6,583      | 10,025    | -----     | 216,485    | 24,280     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 464,686     | 4,711     | -----      | 195,544    | 10,272     | -----     | -----     | 251,490    | 4,669      |
| 2877 FERTILIZER AND MATERIALS, NEC-----  | 3,226,330   | 16,542    | 7,619      | 2,151,468  | 35,523     | 10,601    | 3,146     | 1,002,171  | 3,088      |
| 2911 GASOLINE-----                       | 7,029,665   | 605,969   | 284,905    | 2,998,257  | 942,914    | 19,293    | 155,766   | 1,962,506  | 59,455     |
| 2912 JET FUEL-----                       | 1,098,211   | 35,263    | -----      | 500,115    | 187,652    | 10,506    | 6,533     | 301,358    | -----      |
| 2913 KEROSENE-----                       | 148,987     | -----     | 6,738      | 1,321      | 32,080     | -----     | 23,458    | 84,890     | -----      |
| 2914 DISTILLATE FUEL OIL-----            | 4,140,545   | 681,252   | 111,650    | 669,154    | 1,371,026  | 248,488   | 87,851    | 952,718    | 23,405     |
| 2916 LUBRICATING OILS AND GREASES-----   | 1,239,935   | 1,770,819 | 1,193,838  | 1,521,398  | 2,547,235  | 321,758   | 748,172   | 284,157    | 519,088    |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----    | 1,482,750   | 454,445   | 103,584    | 147,756    | 167,225    | 448,992   | 55,090    | 29,072     | 123,655    |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 1,693,680   | 23,699    | 94,425     | 906,660    | 92,216     | 22,313    | 60,851    | 387,604    | 105,912    |
| 2920 COKE, PETROLEUM COKE-----           | 2,687,248   | 76,263    | 516,047    | 420,447    | 221,136    | 12,800    | 10,752    | 364,891    | 1,050,912  |
| 2921 LIQUEFIED GASES-----                | 271,673     | 50,899    | -----      | 28,322     | 30,941     | -----     | -----     | 128,630    | 24,873     |
| 2991 PETROLEUM AND COAL PRUD, NEC-----   | 292,040     | 197,831   | 8,863      | 15,387     | 65,242     | 1,843     | -----     | 2,882      | -----      |
| 3211 GLASS AND GLASS PRODUCTS-----       | 5,816       | -----     | -----      | -----      | -----      | -----     | -----     | 5,816      | -----      |
| 3241 BUILDING CEMENT-----                | 1,114,062   | -----     | 110,191    | 766,452    | 46,204     | -----     | 4,551     | 30,149     | 156,515    |
| 3251 STRUCTURAL CLAY PRODUCTS-----       | 9,458       | -----     | -----      | -----      | -----      | -----     | -----     | 6,458      | -----      |
| 3271 LIME-----                           | 170,308     | -----     | 74,927     | -----      | -----      | -----     | -----     | -----      | 103,381    |
| 3281 CUT STONE AND STONE PRODUCTS-----   | 1,405       | -----     | 1,405      | -----      | -----      | -----     | -----     | -----      | -----      |
| 3291 MISCELLANEOUS MINERAL PROD-----     | 1,525       | -----     | -----      | -----      | -----      | -----     | -----     | 1,525      | -----      |
| 3311 PIG IRON-----                       | 119,233     | -----     | 4,452      | 55,151     | 12,046     | -----     | -----     | 45,906     | 1,678      |
| 3312 SLAG-----                           | 150,727     | -----     | 6,693      | 2,680      | -----      | -----     | -----     | 5,396      | 133,758    |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 667,821     | 14,006    | 903        | 151,388    | 1,363      | -----     | -----     | 456,941    | 70,226     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 1,142,516   | 293       | -----      | 208,401    | 833        | -----     | -----     | 815,746    | 117,243    |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 320,280     | 1,249     | 1,596      | 6,297      | -----      | -----     | -----     | 153,478    | 157,660    |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 226,098     | 2,579     | -----      | 4,448      | -----      | -----     | -----     | 131,735    | 87,332     |
| 3318 FERROALLOYS-----                    | 787,890     | -----     | 1,250      | 410,867    | 7,160      | -----     | -----     | 357,803    | 4,410      |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 216,813     | 2,700     | 16,415     | 70,361     | -----      | -----     | -----     | 76,973     | 40,364     |
| 3321 NONFERROUS METALS, NEC-----         | 7,562       | -----     | -----      | 1,213      | -----      | -----     | -----     | 6,349      | -----      |
| 3322 COPPER ALLOYS, UNWORKED-----        | 35,969      | 937       | -----      | -----      | -----      | -----     | -----     | 33,417     | 1,615      |
| 3323 LEAD AND ZINC, UNWORKED-----        | 71,767      | 441       | -----      | 11,517     | -----      | -----     | -----     | 56,991     | 2,818      |
| 3324 ALUMINUM AND ALLOYS, UNWORKED-----  | 68,420      | -----     | -----      | 39,808     | 5,026      | -----     | -----     | 20,660     | 2,926      |
| 3411 FABRICATED METAL PRODUCTS-----      | 37,048      | -----     | 639        | 11,455     | -----      | -----     | -----     | 21,438     | 3,516      |

## *Waterborne Commerce of the United States. 1987*

MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, WINNEAPOLIS TO  
MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

**INTERNAL--CONTINUED**

(SHORT TONS)

| COMMODITY                            | TOTAL     | INBOUND |           | OUTBOUND |           | THROUGH |           |
|--------------------------------------|-----------|---------|-----------|----------|-----------|---------|-----------|
|                                      |           | UPBOUND | DOWNBOUND | UPBOUND  | DOWNBOUND | UPBOUND | DOWNBOUND |
| 3511 MACHINERY, EXCEPT ELECTRICAL--  | 59,279    | 130     | 295       |          |           |         | 41,654    |
| 3611 ELECTRICAL MACH AND EQUIP---    | 3,912     |         |           |          |           |         | 2,887     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP--  | 6,148     |         |           |          |           |         | 6,799     |
| 3731 SHIPS AND BOATS--               | 1,214     |         |           |          |           |         | 1,130     |
| 4011 IRON AND STEEL SCRAP--          | 1,754,409 | 282,334 | 875,332   | 31,287   | 13,226    |         | 370,352   |
| 4012 NONFERROUS METAL SCRAP--        | 10,393    |         | 4,649     |          |           |         | 5,746     |
| 4029 WASTE AND SCRAP, NEC            | 173,166   | 5,343   | 4,418     | 1,628    | 79,516    | 4,200   | 24,141    |
| 4111 WATER--                         | 2,400     | 2,400   |           |          |           |         |           |
| 4112 COMMODITIES, VEC--              | 5,666     |         |           |          |           |         | 2,772     |
| 4113 VETERAN IMPROVEMENT MAT--       | 1,076,741 |         | 507,745   |          |           |         | 4,088     |
| 4119 EMPTY CIVILIAN VESSELS--        | 600       |         |           |          |           |         | 604,900   |
| 9999 DEPARTMENT OF DEFENSE AND SCA-- | 1,600     |         | 1,600     |          |           |         | 800       |

TUN-MILES, INTERVAL, 14,148,450,362.

16-8 ALL TRAFFIC

TONS, ALL TRAFFIC, 289,380,806.  
TON-MILES, ALL TRAFFIC, 20,334,503,639.

MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: NEW ORLEANS, LA., TO MOUTH OF PASSES; LOWER MISSISSIPPI RIVER FROM MILE 106 TO MILE 0 AMPS SOUTH PASS 14.2 MILES; SOUTHWEST PASS 21.2 MILES. CONTROLLING DEPTH: 40 FEET. PROJECT DEPTH: 45 FEET THROUGH SOUTHWEST PASS AND BAR CHANNEL, 30 FEET THROUGH SOUTH PASS AND BAR CHANNEL, SOUTH PASS NJT CURRENTLY BEING MAINTAINED. CURRENT CONTROLLING DEPTH IS 12 FEET.

CUMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS        | PASSENGERS |         | YEAR      | TONS        | PASSENGERS |         |
|-----------|-------------|------------|---------|-----------|-------------|------------|---------|
|           |             | EXCURSION  | REGULAR |           |             | EXCURSION  | REGULAR |
| 1978----- | 270,889,613 | 434,014    | 53,909  | 1983----- | 236,099,317 | 281,554    | 31,228  |
| 1979----- | 285,407,818 | 508,666    | 25,622  | 1984----- | 233,755,980 | 253,125    | 35,052  |
| 1980----- | 292,334,683 | 468,306    | 35,291  | 1985----- | 223,879,690 | 783,587    | 34,380  |
| 1981----- | 300,957,797 | 472,000    | 46,381  | 1986----- | 234,372,046 | 920,770    | 34,727  |
| 1982----- | 266,319,463 | 437,640    | 41,549  | 1987----- | 255,972,635 | 639,929    | 36,122  |

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

**FREIGHT TRAFFIC, 1987**

OCEANGOING

(SHORT TONS)

| COMMODITY                               | TOTAL       | FOREIGN    |            |            |            | DOMESTIC<br>COASTWISE |           |            |           |
|---|-------------|------------|------------|------------|------------|-----------------------|-----------|------------|-----------|
|   |             | THROUGH    |            |            |            | SHIPMENTS             | UPBOUND   | DOWNBOUND  |           |
|   |             | IMPORTS    | EXPORTS    | UPBOUND    | DOWNBOUND  |                       |           |            |           |
| TOTAL-----                              | 169,178,165 | 12,866,240 | 25,461,286 | 25,219,826 | 68,227,270 | 1,682,030             | 9,647,731 | 16,171,318 | 9,901,666 |
| 0101 COTTON, RAK-----                   | 10,598      | -----      | 16,073     | -----      | 525        | -----                 | -----     | -----      | -----     |
| 0102 BARLEY AND RYE-----                | 120,903     | -----      | 47,203     | -----      | 73,700     | -----                 | -----     | -----      | -----     |
| 0103 CURY-----                          | 31,113,976  | 40         | 9,281,572  | -----      | 21,675,078 | -----                 | 103,319   | -----      | 53,965    |
| 0104 OATS-----                          | 246,651     | 96,420     | 120        | 145,770    | -----      | -----                 | 2,043     | -----      | 298       |
| 0105 RICE-----                          | 806,768     | -----      | 285,552    | -----      | 521,216    | -----                 | -----     | -----      | -----     |
| 0106 SORGHUM GRAINS-----                | 2,284,589   | -----      | 572,457    | -----      | 1,912,112  | -----                 | -----     | -----      | -----     |
| 0107 WHEAT-----                         | 5,488,030   | -----      | 1,598,984  | -----      | 3,691,326  | -----                 | 79,783    | -----      | 117,981   |
| 0111 SOYBEANS-----                      | 18,955,176  | -----      | 5,814,156  | -----      | 15,138,101 | -----                 | -----     | -----      | 2,017     |
| 0119 DILSEEDS, NEC-----                 | 2,518       | 30         | 2,466      | -----      | 22         | -----                 | -----     | -----      | -----     |
| 0121 TOBACCO, LEAF-----                 | 610         | 179        | 431        | -----      | -----      | -----                 | -----     | -----      | -----     |
| 0129 FIELD CROPS, NEC-----              | 7,829       | 146        | 420        | -----      | 7,221      | -----                 | -----     | -----      | -----     |
| 0131 FRESH FRUITS-----                  | 478         | 21         | 229        | -----      | 226        | -----                 | -----     | -----      | -----     |
| 0133 COFFEE-----                        | 155,230     | 147,047    | 5,476      | 2,020      | 291        | -----                 | -----     | -----      | -----     |
| 0134 COCOA BEANS-----                   | 26          | -----      | 26         | -----      | -----      | -----                 | -----     | -----      | -----     |
| 0141 FRESH AND FROZEN VEGETABLES-----   | 9,561       | 451        | 7,670      | -----      | 1,456      | -----                 | -----     | -----      | -----     |
| 0161 ANIMALS AND PRODUCTS, NEC-----     | 3,543       | 280        | 1,684      | 21         | 1,558      | -----                 | -----     | -----      | -----     |
| 0191 MISCELLANEOUS FARM PRODUCTS-----   | 213         | 141        | 52         | -----      | 20         | -----                 | -----     | -----      | -----     |
| 0841 CRUDE RUBBER AND ALLIED GUMS-----  | 223,693     | 210,512    | 4,261      | 628        | 292        | -----                 | -----     | -----      | -----     |
| 0861 FOREST PRODUCTS, NEC-----          | 1,468       | 1,245      | 167        | 16         | 20         | -----                 | -----     | -----      | -----     |
| 0911 FRESH FISH, EXCEPT SMALLFISH-----  | 308         | 122        | 174        | 12         | -----      | -----                 | -----     | -----      | -----     |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 162         | 42         | 79         | 41         | -----      | -----                 | -----     | -----      | -----     |
| 0932 MARINE SHELLS, UNMANUFACTURED----- | 11          | 11         | -----      | -----      | -----      | -----                 | -----     | -----      | -----     |
| 1011 TINNED INK AND CONCENTRATES-----   | 1,749,053   | 117,014    | -----      | 1,632,039  | -----      | -----                 | -----     | -----      | -----     |
| 1021 COPPER ORE AND CONCENTRATES-----   | 60,592      | -----      | 837        | -----      | 59,755     | -----                 | -----     | -----      | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 3,351,017   | 134,463    | 1,053      | 3,209,404  | 51         | -----                 | -----     | -----      | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 229,970     | 29,945     | -----      | 196,025    | -----      | -----                 | -----     | -----      | -----     |
| 1091 NUNFERROUS ORES, CONCENTRATES----- | 133,885     | 30,364     | 126        | 85,910     | 7,485      | -----                 | -----     | -----      | -----     |
| 1121 COAL AND LIGNITE-----              | 14,524,521  | 422,590    | 4,714,700  | -----      | 2,915,968  | -----                 | 6,071,263 | -----      | -----     |
| 1311 CRUDE PETROLEUM-----               | 28,535,633  | 6,662,218  | -----      | 12,001,469 | -----      | 708,931               | 68,985    | 9,038,084  | 78,066    |
| 1412 BUILDING STONE, UNWORKED-----      | 51          | -----      | -----      | -----      | 51         | -----                 | -----     | -----      | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 9,174       | 556        | 2,663      | 5,455      | -----      | -----                 | -----     | -----      | -----     |
| 1451 CLAY-----                          | 240,846     | 180,197    | 29,095     | 34,516     | 1,046      | -----                 | -----     | -----      | -----     |
| 1471 PHOSPHATE ROCK-----                | 6,158,362   | 603        | 349        | 540,178    | -----      | 381,219               | -----     | 5,234,013  | -----     |
| 1492 SULPHUR, DRY-----                  | 19,518      | -----      | 15,467     | -----      | 51         | -----                 | -----     | -----      | -----     |
| 1493 SULPHUR, LIQUID-----               | 2,026,992   | -----      | -----      | -----      | 7,318      | 2,015,674             | -----     | -----      | -----     |

## MISSISSIPPI RIVER

MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

## FREIGHT TRAFFIC, 1987--CONTINUED

## OCEANGOING--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN   |           |           |           | DOMESTIC<br>COASTWISE |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------|-----------|-----------|
|   |           | IMPORTS   | EXPORTS   | THROUGH   |           | RECEIPTS              | SHIPMENTS | THROUGH   |           |
|   |           |           |           | UPBOUND   | DOWNBOUND |                       |           | UPBOUND   | DOWNBOUND |
| 1494 GYPSUM, CRUDE AND PLASTERS----     | 318,968   | 171,829   | 507       | 146,632   | -----     | -----                 | -----     | -----     | -----     |
| 1899 NONMETALLIC MINERALS, NEC----      | 296,902   | 52,310    | 8,601     | 236,494   | 1,497     | -----                 | -----     | -----     | -----     |
| 1911 ADVANCE AND ACCESSORIES----        | 270       | 233       | 37        | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2011 MEAT, FRESH, CHILLED, FROZEN----   | 3,260     | 1,181     | 1,500     | 358       | 241       | -----                 | -----     | -----     | -----     |
| 2012 MEAT AND PRODUCTS, NEC----         | 13,547    | 13,296    | 251       | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS----   | 362,630   | -----     | 193,961   | -----     | 159,009   | -----                 | -----     | -----     | 9,669     |
| 2015 ANIMAL BY-PRODUCTS, NEC----        | 441       | 154       | 213       | -----     | 74        | -----                 | -----     | -----     | -----     |
| 2021 DAIRY PRODUCTS, NEC----            | 621       | 40        | 581       | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2022 DRIED MILK AND CREAM----           | 7,892     | -----     | 7,892     | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2031 FISH AND SHELLFISH, PREPARED----   | 1,438     | 1,202     | 42        | 171       | 23        | -----                 | -----     | -----     | -----     |
| 2034 VEGETABLES AND PREP., NEC----      | 9,257     | 2,802     | 4,879     | 70        | 1,506     | -----                 | -----     | -----     | -----     |
| 2039 PREP FRUIT AND VEG JUICE, NEC----  | 2,684     | 2,414     | 140       | 111       | 19        | -----                 | -----     | -----     | -----     |
| 2041 MEAT FLJUR AND SEMULINA----        | 48,795    | -----     | 25,140    | -----     | 23,655    | -----                 | -----     | -----     | -----     |
| 2042 ANIMAL FEEDS----                   | 8,666,168 | 13,554    | 456,356   | -----     | 8,169,444 | 33,034                | 11,038    | -----     | 2,722     |
| 2049 GRAIN MILL PRODUCTS, NEC----       | 5,650,535 | 128       | 656,140   | 16        | 4,965,207 | -----                 | 18,957    | -----     | 18,007    |
| 2061 SUGAR----                          | 60,066    | 45,069    | 312,748   | 118,667   | 17,926    | 132,665               | -----     | 33,680    | -----     |
| 2062 MULASSES----                       | 338,855   | 212,652   | -----     | 126,183   | -----     | -----                 | -----     | -----     | -----     |
| 2081 ALCOHOLIC BEVERAGES----            | 12,226    | 7,629     | 4,233     | 341       | 23        | -----                 | -----     | -----     | -----     |
| 2091 VEGETABLE OILS, MARG, SHORT        | 1,297,405 | 174,220   | 516,126   | 192,905   | 590,206   | -----                 | -----     | -----     | 23,948    |
| 2092 ANIMAL OILS AND FATS, NEC----      | 106,390   | 35        | 71,919    | -----     | 38,458    | -----                 | -----     | -----     | -----     |
| 2095 ICE----                            | 1,087     | 1,024     | -----     | 23        | -----     | -----                 | -----     | -----     | -----     |
| 2099 MISCELLANEOUS FOOD PRODUCTS----    | 88,620    | 11,913    | 75,879    | 327       | 501       | -----                 | -----     | -----     | -----     |
| 2111 TOBACCO MANUFACTURES----           | 144       | -----     | 98        | -----     | 46        | -----                 | -----     | -----     | -----     |
| 2211 BASIC TEXTILE PRODUCTS----         | 40,375    | 34,811    | 4,725     | 102       | 737       | -----                 | -----     | -----     | -----     |
| 2212 TEXTILE FIBERS, NEC----            | 9,293     | 9,161     | 132       | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2311 APPAREL----                        | 519       | 419       | 85        | 5         | 10        | -----                 | -----     | -----     | -----     |
| 2411 LOGS----                           | 47,450    | 97        | 25,899    | -----     | 21,458    | -----                 | -----     | -----     | -----     |
| 2413 FUEL WOOD, CHARCOAL, CASTLES----   | 657       | -----     | 528       | -----     | 129       | -----                 | -----     | -----     | -----     |
| 2414 TIMBER, POSTS, POLES, PILING----   | 2,293     | 36        | 2,257     | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2416 WOOD CHIPS, STAVES, WULDINGS----   | 64        | 44        | -----     | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2421 LUMBER----                         | 40,163    | 28,380    | 9,799     | 1,302     | 662       | -----                 | -----     | -----     | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD----   | 155,830   | 147,014   | 3,955     | 374       | 4,487     | -----                 | -----     | -----     | -----     |
| 2491 WOOD MANUFACTURES, NEC----         | 19,516    | 15,766    | 4,590     | -----     | 1,556     | -----                 | -----     | -----     | -----     |
| 2511 FURNITURE AND FIXTURES----         | 4,737     | 4,210     | 406       | 111       | 10        | -----                 | -----     | -----     | -----     |
| 2611 PULP----                           | 509,966   | -----     | 174,734   | -----     | 335,172   | -----                 | -----     | -----     | -----     |
| 2621 STANDARD NEWSPRINT PAPER----       | 3,186     | -----     | 5,186     | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2651 PAPER AND PAPERBOARD----           | 259,701   | 31,621    | 200,340   | 54        | 27,686    | -----                 | -----     | -----     | -----     |
| 2691 PULP AND PAPER PRODUCTS, NEC----   | 7,694     | 520       | 2,881     | -----     | 4,293     | -----                 | -----     | -----     | -----     |
| 2711 PRINTED MATTER----                 | 432       | 6         | 426       | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2810 SODIUM HYDROXIDE                   | 462,079   | -----     | -----     | -----     | -----     | -----                 | 3,233     | 458,846   | -----     |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS----   | 53,246    | 11,615    | 18,576    | 3,347     | 19,700    | -----                 | -----     | -----     | -----     |
| 2812 DYES, PIGMENT, TANNING MATS----    | 108       | -----     | 108       | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2813 ALCOHOLS----                       | 504,585   | 71,501    | 61,512    | 22,209    | 205,064   | 1,252                 | -----     | 7,186     | 175,261   |
| 2816 RADIOACTIVE MATERIALS, WASTES----  | 2,557     | 2,556     | 1         | -----     | -----     | -----                 | -----     | -----     | -----     |
| 2817 BENZENE AND TOLUENE----            | 114,898   | 14,350    | 12,194    | 31,140    | 14,101    | -----                 | -----     | 43,113    | -----     |
| 2819 BASIC CHEMICALS AND PROD., NEC---- | 6,028,520 | 212,168   | 381,749   | 2,691,516 | 2,329,905 | -----                 | 4,236     | 117,208   | 201,718   |
| 2821 PLASTIC MATERIALS----              | 49,684    | 2,402     | 41,966    | 2         | 5,314     | -----                 | -----     | -----     | -----     |
| 2822 SYNTHETIC RUBBER----               | 18,159    | 401       | 16,827    | -----     | 931       | -----                 | -----     | -----     | -----     |
| 2823 SYNTHETIC (MAN-MADE) FIBERS----    | 2,494     | 98        | 2,244     | -----     | 152       | -----                 | -----     | -----     | -----     |
| 2831 DRUGS----                          | 3,836     | 1,207     | 2,625     | 3         | 1         | -----                 | -----     | -----     | -----     |
| 2841 SOAP----                           | 4,786     | 3,826     | 907       | 11        | -----     | -----                 | -----     | -----     | -----     |
| 2851 PAINTS----                         | 13,895    | 7,905     | 1,037     | 4,869     | 84        | -----                 | -----     | -----     | -----     |
| 2861 GUM AND WOOD CHEMICALS----         | 3,486     | 38        | 2,400     | -----     | 1,008     | -----                 | -----     | -----     | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS----   | 1,938,761 | 138,940   | 43,686    | 676,645   | 969,611   | 17,582                | -----     | 20,392    | 71,925    |
| 2872 POTASSIC CHEM FERTILIZERS----      | 224,120   | 11,002    | 1,342     | 207,265   | 4,491     | -----                 | -----     | -----     | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS----    | 260,180   | -----     | -----     | 52,360    | 18,694    | 67,656                | -----     | 113,968   | 7,382     |
| 2876 INSECTICIDES, DISINFECTANTS----    | 13,783    | 4,471     | 6,938     | 2,234     | 100       | -----                 | -----     | -----     | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC----  | 1,969,316 | 22        | 30,848    | -----     | 942,559   | 285,546               | -----     | 724,882   | 5,459     |
| 2901 MISCELLANEOUS CHEMICAL PROD----    | 129,187   | 30,220    | 53,317    | 13,251    | 23,408    | 6,047                 | 2,944     | -----     | -----     |
| 2911 GASOLINE----                       | 5,733,958 | 3,384     | 2,139     | 107,225   | 1,334     | -----                 | 232,071   | 66,801    | 3,320,926 |
| 2912 JET FUEL----                       | 512,954   | 6,283     | -----     | 33,279    | 248,407   | -----                 | 44,797    | -----     | 180,188   |
| 2913 KEROSENE----                       | 417,911   | -----     | -----     | 33,224    | -----     | -----                 | 2,207     | 362,731   | 19,769    |
| 2914 DISTILLATE FUEL OIL----            | 2,304,602 | 396,609   | 65,891    | 75,016    | 191,797   | 133,471               | 14,015    | 1,427,403 | -----     |
| 2915 RESIDUAL FUEL OIL----              | 5,863,785 | 307,803   | 320,897   | 589,854   | 979,434   | 9,870                 | 453,679   | 231,693   | 2,970,513 |
| 2916 LUBRICATING OILS AND GREASES----   | 722,165   | 18,658    | 52,567    | 62,051    | 285,798   | -----                 | -----     | 10,682    | 292,607   |
| 2917 VAPATHA, PETROLEUM SOLVENTS----    | 194,184   | -----     | 35,001    | 29,070    | -----     | -----                 | -----     | 95,766    | 34,363    |
| 2918 ASPHALT, TAR, AND PITCHES----      | 329,638   | 13        | 13,441    | 64,042    | 26,024    | -----                 | -----     | 2,037     | 224,081   |
| 2920 COKE, PETROLEUM COKE----           | 2,255,069 | -----     | 1,327,600 | 255,836   | 671,633   | -----                 | -----     | -----     | -----     |
| 2921 LIQUEFIED GASES----                | 483,790   | 28,393    | 729       | 279,911   | 190       | 32,910                | 23,914    | 21,542    | 96,211    |
| 2991 PETROLEUM AND COAL PROD., NEC----  | 22,801    | 6,188     | 1,241     | -----     | 2         | -----                 | -----     | -----     | 15,370    |
| 3011 RUBBER AND MISC PLASTIC PROD----   | 18,070    | 10,017    | 7,454     | 343       | 256       | -----                 | -----     | -----     | -----     |
| 3111 LEATHER AND LEATHER PRODUCTS----   | 1,020     | 850       | 39        | 135       | -----     | -----                 | -----     | -----     | -----     |
| 3211 GLASS AND GLASS PRODUCTS----       | 11,723    | 5,439     | 6,189     | 82        | 13        | -----                 | -----     | -----     | -----     |
| 3241 BUILDING CEMENT----                | 1,056,491 | 234,022   | 1,071     | 820,798   | -----     | -----                 | -----     | -----     | -----     |
| 3251 STRUCTURAL CLAY PRODUCTS----       | 5,914     | 1,929     | 5,683     | 40        | 262       | -----                 | -----     | -----     | -----     |
| 3271 LIME----                           | 12        | -----     | 12        | -----     | -----     | -----                 | -----     | -----     | -----     |
| 3291 CUT STONE AND STONE PRODUCTS----   | 1,086     | 1,006     | 42        | 40        | -----     | -----                 | -----     | -----     | -----     |
| 3291 MISC NONMETALLIC MINERAL PROD----  | 4,299     | 1,597     | 2,665     | 17        | -----     | -----                 | -----     | -----     | -----     |
| 3311 PIG IRON----                       | 95,669    | -----     | 155       | 41,064    | 4,450     | -----                 | -----     | -----     | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS----   | 237,810   | 210,741   | 29        | 27,040    | -----     | -----                 | -----     | -----     | -----     |
| 3315 IRON, STEEL SHAPES, EXC SHEET----  | 1,329,396 | 1,205,719 | 6,619     | 34,993    | 65        | -----                 | -----     | -----     | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS----  | 40,308    | 11,917    | 25,290    | 19        | 3,076     | -----                 | -----     | -----     | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE----   | 195,744   | 172,424   | 5,683     | 17,627    | 10        | -----                 | -----     | -----     | -----     |
| 3318 FERROALLOYS----                    | 336,094   | 91,436    | -----     | 246,635   | 23        | -----                 | -----     | -----     | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC----   | 60,768    | 46,572    | 8,165     | 321       | 9,688     | -----                 | -----     | -----     | -----     |
| 3321 NOFERROUS METALS, NEC----          | 5,145     | 2,061     | 2,735     | 300       | 43        | -----                 | -----     | -----     | -----     |
| 3322 COPPER ALLOYS, UNWORKED----        | 45,894    | 42,654    | 652       | 2,187     | 1         | -----                 | -----     | -----     | -----     |
| 3323 LEAD AND ZINC, UNWORKED----        | 30,679    | 30,666    | 11        | -----     | -----     | -----                 | -----     | -----     | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----  | 96,793    | 65,692    | 2,312     | 28,603    | 186       | -----                 | -----     | -----     | -----     |

## Waterborne Commerce of the United States, 1987

MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL   | FOREIGN |         |         |           | DOMESTIC COASTWISE |           |         |           |
|---|---------|---------|---------|---------|-----------|--------------------|-----------|---------|-----------|
|   |         | IMPORTS | EXPORTS | THROUGH |           | RECEIPTS           | SHIPMENTS | THROUGH |           |
|   |         |         |         | UPBOUND | DOWNBOUND |                    |           | UPBOUND | DOWNBOUND |
| 3411 FABRICATED METAL PRODUCTS-----     | 98,050  | 87,812  | 9,023   | 936     | 259       | -----              | -----     | -----   | -----     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 111,512 | 66,775  | 40,537  | 1,340   | 610       | -----              | 1,350     | -----   | 900       |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 18,080  | 9,253   | 7,813   | 37      | 77        | -----              | -----     | -----   | 900       |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 66,185  | 57,665  | 7,816   | 592     | 112       | -----              | -----     | -----   | -----     |
| 3721 AIRCRAFT AND PARTS-----            | 393     | -----   | 393     | -----   | -----     | -----              | -----     | -----   | -----     |
| 3731 SHIPS AND BOATS-----               | 2,626   | 905     | 1,610   | 24      | 89        | -----              | -----     | -----   | -----     |
| 3791 MISC TRANSPORTATION EQUIPMENT----- | 1,999   | 566     | 1,173   | -----   | 210       | -----              | -----     | -----   | -----     |
| 3811 INSTR, TIME, PHOTO, OPT GOODS----- | 672     | 195     | 470     | 2       | 5         | -----              | -----     | -----   | -----     |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 688     | 269     | 334     | 53      | 32        | -----              | -----     | -----   | -----     |
| 4011 IRON AND STEEL SCRAP-----          | 967,456 | 387     | 26,246  | 36,410  | 893,101   | -----              | -----     | 11,310  | -----     |
| 4012 NONFERROUS METAL SCRAP-----        | 152,925 | 107,120 | 8,546   | 31,045  | 6,214     | -----              | -----     | -----   | -----     |
| 4022 TEXTILE WASTE, SCRAP, SWEEP-----   | 542     | 45      | 425     | -----   | 72        | -----              | -----     | -----   | -----     |
| 4024 PAPER WASTE AND SCRAP-----         | 566     | -----   | 526     | -----   | 240       | -----              | -----     | -----   | -----     |
| 4029 WASTE AND SCRAP, NEC-----          | 18,522  | -----   | -----   | -----   | -----     | -----              | -----     | 18,522  | -----     |
| 4112 COMMODITIES, NEC-----              | 28,864  | 7,711   | 3,210   | 17,501  | 442       | -----              | -----     | -----   | -----     |
| 9999 DEPARTMENT OF DEFENSE AND SCI----- | 3,821   | -----   | 3,815   | -----   | 6         | -----              | -----     | -----   | -----     |

TON-MILES, OCEANGUING, 19,916,066,038.

## INTERNAL

(SHORT TONS)

| COMMODITY                                    | TOTAL      | INBOUND   |            | OUTBOUND  |           | UPBOUND   | DOWNBOUND | THROUGH    |            |
|--|------------|-----------|------------|-----------|-----------|-----------|-----------|------------|------------|
|  |            | UPBOUND   | DOWNBOUND  | UPBOUND   | DOWNBOUND |           |           | UPBOUND    | DOWNBOUND  |
| TOTAL-----                                   | 86,794,470 | 5,409,382 | 36,677,820 | 9,694,647 | 853,580   | 1,277,136 | 926,404   | 13,924,939 | 18,030,854 |
| 0101 COTTON, RAW-----                        | 4,510      | -----     | 4,510      | -----     | -----     | -----     | -----     | -----      | -----      |
| 0102 BARLEY AND RYE-----                     | 34,454     | -----     | 34,454     | -----     | -----     | -----     | -----     | -----      | -----      |
| 0103 CORN-----                               | 8,333,351  | 19,600    | 8,193,396  | 5,880     | -----     | -----     | -----     | 37,783     | 76,712     |
| 0104 OATS-----                               | 34,544     | -----     | -----      | -----     | -----     | -----     | -----     | -----      | 34,544     |
| 0105 RICE-----                               | 200,473    | -----     | 180,189    | 1,300     | -----     | -----     | -----     | 3,281      | 15,703     |
| 0106 BORGHORN GRAINS-----                    | 400,885    | 7,000     | 348,425    | -----     | -----     | -----     | -----     | 43,809     | 1,653      |
| 0107 MEAT-----                               | 1,608,098  | 13,258    | 1,471,199  | 1,578     | 29,211    | 5,257     | -----     | 51,129     | 36,866     |
| 0111 SOYBEANS-----                           | 3,660,014  | 56,618    | 3,363,431  | 5,075     | -----     | -----     | -----     | 215,341    | 19,549     |
| 0119 OILSEEDS, NEC-----                      | 2,990      | -----     | -----      | -----     | -----     | -----     | 2,990     | -----      | -----      |
| 0912 SHELLFISH, EXCEPT PREPARED-----         | 68,381     | 24,716    | -----      | -----     | -----     | -----     | 43,663    | -----      | -----      |
| 0931 MARINE SMELLS, UNMANUFACTURED-----      | 1,110,890  | 43,250    | 120,600    | -----     | -----     | -----     | -----     | 559,690    | 307,350    |
| 1011 IRON ORE AND CONCENTRATES-----          | 150,879    | -----     | -----      | 4,837     | -----     | -----     | -----     | 139,135    | 6,907      |
| 1051 ALUMINUM ORES, CONCENTRATES-----        | 30,942     | -----     | -----      | 1,436     | -----     | -----     | -----     | 5,901      | 23,605     |
| 1061 MANGANESE ORES, CONCENTRATES-----       | 33,465     | 1,835     | -----      | 15,071    | 870       | -----     | -----     | 24,269     | 1,400      |
| 1091 NONFERROUS ORES, CONCENTRATES, NEC----- | 154,452    | -----     | -----      | 106,772   | -----     | -----     | -----     | 38,387     | 9,293      |
| 1121 COAL AND LIGNITE-----                   | 20,119,820 | 1,449     | 12,944,198 | 126,859   | -----     | -----     | -----     | 71,517     | 6,975,759  |
| 1311 CRUDE PETROLEUM-----                    | 12,409,420 | 2,017,381 | 3,178,964  | 1,846,619 | 13,802    | 425,203   | 89,545    | 3,204,982  | 1,672,924  |
| 1411 LIMESTONE-----                          | 44,833     | -----     | -----      | -----     | -----     | -----     | -----     | -----      | 44,833     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----         | 698,574    | 2,916     | 12,504     | 1,550     | -----     | -----     | -----     | 4          | 681,600    |
| 1451 CLAY-----                               | 295,089    | 18,025    | 406        | 5,065     | -----     | -----     | -----     | 116,954    | 154,639    |
| 1471 PHOSPHATE ROCK-----                     | 5,480      | -----     | 2,125      | 2,755     | -----     | -----     | -----     | -----      | -----      |
| 1493 SULMPUR, LIQUID-----                    | 1,922,106  | 944,898   | 620,854    | 266,064   | -----     | -----     | -----     | 88,290     | -----      |
| 1494 GYPSUM, CRUDE AND PLASTERS-----         | 17,507     | -----     | -----      | -----     | -----     | -----     | -----     | 16,110     | 1,397      |
| 1499 NONMETALLIC MINERALS, NEC-----          | 1,025,833  | -----     | 1,584      | 5,933     | -----     | -----     | -----     | 895,300    | 123,011    |
| 2014 TALLOW, ANIMAL FATS AND OILS-----       | 41,215     | -----     | 41,215     | -----     | -----     | -----     | -----     | -----      | -----      |
| 2041 WHEAT FLOUR AND SEMULINA-----           | 4,095      | 4,095     | -----      | -----     | -----     | -----     | -----     | -----      | -----      |
| 2042 ANIMAL FEEDS-----                       | 361,779    | 13,669    | 124,550    | 132,238   | -----     | -----     | -----     | 86,114     | 5,408      |
| 2049 GRAIN MILL PRODUCTS, NEC-----           | 237,887    | 5,722     | 235,186    | 1,491     | 1,450     | -----     | -----     | 2,838      | 1,200      |
| 2061 SUGAR-----                              | 361,190    | 220,758   | 53,677     | 45,656    | -----     | -----     | -----     | 41,099     | -----      |
| 2062 MOLASSES-----                           | 153,124    | 7,090     | 1,419      | 109,314   | 24,101    | 1,400     | -----     | 1,346      | 8,448      |
| 2091 VEGETABLE OILS, MARG, SHORT-----        | 234,979    | 33,444    | 121,554    | 2,193     | -----     | -----     | -----     | 8,123      | 69,665     |
| 2092 ANIMAL OILS AND FATS, NEC-----          | 8,359      | -----     | -----      | 1,311     | -----     | -----     | -----     | 7,048      | -----      |
| 2094 GROCERIES-----                          | 12         | -----     | -----      | -----     | -----     | -----     | -----     | -----      | 12         |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----        | 111,363    | 6,995     | 8,532      | 10,888    | 2,668     | 600       | 1,200     | 810        | 79,870     |
| 2211 BASIC TEXTILE PRODUCTS-----             | 18,247     | -----     | -----      | 15,052    | -----     | -----     | -----     | 2,095      | 300        |
| 2212 TEXTILE FIBERS, NEC-----                | 6,684      | 150       | -----      | 5,289     | 1,245     | -----     | -----     | -----      | -----      |
| 2411 LUGGAGE-----                            | 27,335     | -----     | 24,587     | -----     | -----     | -----     | -----     | 2,788      | -----      |
| 2421 LUMBER-----                             | 9,060      | -----     | 3,554      | 4,079     | -----     | -----     | -----     | 1,627      | -----      |
| 2431 VENEEN, PLYWOOD, WOKED WOOD-----        | 4,593      | -----     | 566        | 2,120     | -----     | 507       | 1,600     | -----      | -----      |
| 2491 WOOD MANUFACTURES, NEC-----             | 85         | -----     | -----      | -----     | -----     | -----     | -----     | -----      | 85         |
| 2611 PULP-----                               | 166,996    | 106,618   | 58,010     | -----     | -----     | -----     | -----     | -----      | 2,366      |
| 2621 STANDARD NEWSPRINT PAPER-----           | 4,061      | -----     | 358        | 670       | -----     | -----     | -----     | -----      | 3,013      |
| 2631 PAPER AND PAPERBOARD-----               | 58,282     | 909       | 20,572     | 11,048    | -----     | 409       | 25,344    | -----      | -----      |
| 2691 PULP AND PAPER PRODUCTS, NEC-----       | 63,581     | -----     | 45,581     | -----     | -----     | -----     | -----     | -----      | -----      |
| 2810 SODIUM HYDROXIDE-----                   | 654,867    | -----     | 37,516     | 4,001     | 2,400     | 191       | 136,729   | 473,970    | -----      |
| 2811 CRUDE TAH, OIL, GAS PRODUCTS-----       | 172,916    | 6,333     | -----      | 137,138   | -----     | -----     | -----     | 3,184      | 26,301     |
| 2813 ALCOHOLS-----                           | 456,603    | 11,368    | 14,224     | 59,057    | 20,543    | -----     | -----     | 225,495    | 125,916    |
| 2817 BENZENE AND TOLUENE-----                | 1,139,373  | 2,756     | 17,692     | 280,851   | 29,747    | 16,132    | -----     | 206,188    | 586,007    |
| 2818 SULFURIC ACID-----                      | 293,763    | -----     | 13,062     | -----     | -----     | -----     | -----     | 138,931    | 141,770    |
| 2819 BASIC CHEMICALS AND PROD, NEC-----      | 2,580,261  | 115,620   | 30,514     | 146,359   | 11,826    | 4,252     | 1,146,293 | 925,397    | -----      |
| 2821 PLASTIC MATERIALS-----                  | 4,498      | -----     | -----      | 265       | -----     | -----     | -----     | -----      | 4,233      |
| 2822 SYNTHETIC RUBBER-----                   | 46,638     | 7,476     | 1,200      | -----     | 38,780    | -----     | -----     | -----      | 1,176      |
| 2891 SOAP-----                               | 2,651      | -----     | -----      | -----     | -----     | -----     | -----     | -----      | 2,051      |
| 2851 PAINTS-----                             | 5          | -----     | -----      | -----     | -----     | -----     | -----     | -----      | 5          |
| 2661 GUM AND WOOD CHEMICALS-----             | 88,885     | -----     | -----      | -----     | -----     | -----     | -----     | 26,841     | 61,644     |
| 2871 VITROGENOUS CHEM FERTILIZERS-----       | 265,229    | 1,380     | 3,018      | 46,666    | 1,447     | -----     | -----     | 60,882     | 151,836    |
| 2872 POTASSIC CHEM FERTILIZERS-----          | 187,781    | -----     | 6,850      | 13,599    | -----     | -----     | -----     | 109,759    | 15,573     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----        | 277,057    | -----     | -----      | 239,027   | -----     | -----     | -----     | 27,758     | 10,272     |
| 2879 FERTILIZER AND MATERIALS, NEC-----      | 1,065,550  | -----     | 2,951      | 655,899   | -----     | -----     | -----     | 369,670    | 37,030     |
| 2891 MISCELLANEOUS CHEMICAL PROD-----        | 21,268     | 1,864     | 5,964      | 4,352     | -----     | 1,534     | 8,179     | -----      | 3,370      |

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1967--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | INBOUND |           | OUTBOUND  |           |         |           | THROUGH   |           |
|---|-----------|---------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
|   |           | UPBOUND | DOWNBOUND | UPBOUND   | DOWNBOUND | UPBOUND | DOWNBOUND | UPBOUND   | DOWNBOUND |
| 2911 GASOLINE-----                      | 3,856,035 | 206,972 | 386,569   | 1,286,680 | 2,594     |         |           | 1,106,065 | 861,155   |
| 2912 JET FUEL-----                      | 620,637   | 22,483  | 14,466    | 63,214    |           |         |           | 320,841   | 199,833   |
| 2913 KEROSENE-----                      | 130,590   |         |           | 7,768     |           |         |           | 80,321    | 42,501    |
| 2914 DISTILLATE FUEL OIL-----           | 3,262,458 | 122,178 | 391,481   | 931,281   | 160,976   | 156,920 | 111,319   | 428,983   | 959,324   |
| 2915 RESIDUAL FUEL OIL-----             | 7,613,036 | 659,666 | 2,009,956 | 913,901   | 337,179   | 610,851 | 636,052   | 1,310,765 | 1,134,666 |
| 2916 LUBRICATING OILS AND GREASES-----  | 478,926   | 164,874 | 66,614    | 9,262     |           |         | 3,971     | 147,928   | 86,277    |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 846,660   | 129,481 | 43,940    | 32,376    | 9,039     | 37,110  | 18,674    | 299,492   | 276,588   |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 518,727   |         | 53,512    | 16,776    | 5,000     |         |           | 293,217   | 150,220   |
| 2920 COKE, PETROLEUM COKE-----          | 1,714,664 | 36,906  | 1,083,585 | 369,083   |           | 9,812   | 47,498    | 105,605   | 62,175    |
| 2921 LIQUEFIED GASES-----               | 1,243,642 | 329,764 | 376,524   | 85,051    | 23,923    |         | 712       | 184,148   | 243,720   |
| 2991 PETROLEUM AND CUAL PRUD, NEC-----  | 322,129   |         |           | 31,106    |           |         |           | 216,867   | 76,556    |
| 3211 GLASS AND GLASS PRODUCTS-----      | 5,816     |         |           | 5,816     |           |         |           |           |           |
| 3281 BUILDING CEMENT-----               | 226,978   | 115     | 1,554     | 26        |           |         |           | 33,893    | 191,390   |
| 3251 STRUCTURAL CLAY PRODUCTS-----      | 9,458     |         |           |           |           |         |           | 9,458     |           |
| 3271 LIME-----                          | 22,713    |         |           |           |           |         |           |           | 22,713    |
| 3291 MISC NONMETALLIC MINERAL PROD----- | 23,335    |         | 4,800     |           |           |         |           | 7,083     | 11,450    |
| 3311 PIG IRON-----                      | 63,605    |         |           | 1,600     | 1,408     |         |           | 45,708    | 14,889    |
| 3312 SLAG-----                          | 125,596   |         | 65,146    |           |           |         |           | 6,699     | 53,553    |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 602,030   |         | 2,534     | 408,196   | 37,400    | 2,072   | 1,921     | 60,812    | 89,603    |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 735,787   |         | 4,684     | 627,968   | 26,292    | 2,223   | 905       | 68,080    | 9,435     |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 237,873   |         | 14,904    | 152,926   | 24,333    | 7,046   | 4,905     | 3,878     | 29,879    |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 293,700   | 518     | 4,490     | 162,134   | 26,959    | 145     | 788       | 43,708    | 50,960    |
| 3318 FERROALLOYS-----                   | 400,934   |         | 4,511     | 55,466    | 8,573     | 1,450   |           | 331,500   | 19,430    |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 107,765   |         | 6,066     | 51,864    | 6,611     |         |           | 28,013    | 13,211    |
| 3321 NONFERROUS METALS, NEC-----        | 5,997     |         |           | 4,193     |           |         |           | 604       | 1,200     |
| 3322 COPPER ALLOYS, UNWORKED-----       | 36,402    |         |           | 33,088    |           |         | 2,048     | 1,266     |           |
| 3323 LEAD AND ZINC, UNWORKED-----       | 58,843    |         |           | 24,568    |           |         |           | 32,864    | 1,411     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 27,850    |         |           | 16,186    | 653       | 600     | 468       | 4,917     | 5,026     |
| 3411 FABRICATED METAL PRODUCTS-----     | 22,510    | 517     | 589       | 14,538    | 837       |         |           | 4,122     | 1,907     |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 91,855    | 112     | 14,068    | 41,414    | 428       | 40      |           | 18,823    | 16,974    |
| 3611 ELECTRICAL MACH AND EQUIP-----     | 4,222     |         | 1,025     | 3,197     |           |         |           |           |           |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 5,302     |         | 482       | 4,799     |           |         |           | 15        | 6         |
| 3731 SHIPS AND BOATS-----               | 1,214     |         | 84        | 1,000     |           |         |           | 130       |           |
| 3911 MISC MANUFACTURED PRODUCTS-----    | 155,439   | 6       | 65        | 31        |           |         |           | 86,796    | 68,541    |
| 4011 IRON AND STEEL SCRAP-----          | 502,096   | 1,093   | 19,965    | 1,826     | 1,410     |         |           | 405,781   | 72,003    |
| 4012 NONFERROUS METAL SCRAP-----        | 6,261     |         | 6,046     | 235       |           |         |           |           |           |
| 4029 WASTE AND SCRAP, NEC-----          | 95,424    |         | 11,512    | 9,141     | 1,270     | 275     |           | 6,234     | 66,992    |
| 4111 WATER-----                         | 114,142   | 15      | 95        | 2,400     |           |         |           | 10,176    | 101,456   |
| 4112 COMMODITIES, NEC-----              | 96,042    | 9,336   | 52,422    | 17,421    |           |         |           | 7,171     | 9,732     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 806,488   | 25,850  | 682,150   | 88        |           |         |           | 21,000    | 77,400    |
| 4119 EMPTY CONTAINERS-----              | 2,039     | 267     | 179       | 102       | 162       |         |           |           | 1,329     |

TON=MILES, INTERVAL, 2,012,602,057.

TONS, ALL TRAFFIC, 255,972,635.  
TON=MILES, ALL TRAFFIC, 21,928,758,095.PASSES OF THE MISSISSIPPI RIVER (INCLUDED IN TRAFFIC OF  
MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)SECTION INCLUDED: SOUTH PASS, 14.2 MILES; SOUTHLST PASS, 21.2 MILES. CONTROLLING DEPTH: SOUTH PASS: 23 FEET; SOUTHWEST PASS, 36 FEET  
SOUTH PASS, 30 FEET; SOUTHWEST PASS, 40 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | CARGOES<br>IN TRANSIT | PASSENGERS | YEAR      | CARGOES<br>IN TRANSIT | PASSENGERS |
|-----------|-----------------------|------------|-----------|-----------------------|------------|
| 1978----- | 196,748,208           | 20,692     | 1983----- | 168,754,307           | -----      |
| 1979----- | 211,744,701           | -----      | 1980----- | 158,122,665           | -----      |
| 1980----- | 218,365,307           | 6          | 1985----- | 150,805,632           | -----      |
| 1981----- | 222,865,978           | 7          | 1986----- | 155,399,491           | 92         |
| 1982----- | 192,954,343           | 658        | 1987----- | 170,107,699           | -----      |

ROSEDALE HARBOR, MISS.

SECTION INCLUDED: SECTION 107 OF THE RIVER AND HARBOR ACT OF 1960, AS AMENDED (PL86-645) PROVIDES FOR THE CONSTRUCTION OF ROSEDALE HARBOR. THE HARBOR CHANNEL IS 150 FT WIDE AND 2.7 MILES LONG WITH A TURNING BASIN 1,000 FT LONG AND 400 FT WIDE. A MINIMUM OPERATING DEPTH OF 9 FT BELOW THE LOWEST WATER OF RECORD (102.5 FT, MSL) WAS MAINTAINED IN BOTH THE CHANNEL AND TURNING BASIN AND PROVIDED A 20-ACRE LANDFILL TO A NET ELEVATION OF 102.9, MSL. THE LANDFILL IS 1,250 FT LONG AND 700 FT WIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS  | YEAR      | TONS    |
|-----------|-------|-----------|---------|
| 1978----- | ----- | 1983----- | 232,198 |
| 1979----- | ----- | 1984----- | 293,318 |
| 1980----- | ----- | 1985----- | 350,218 |
| 1981----- | ----- | 1986----- | 255,596 |
| 1982----- | ----- | 1987----- | 355,227 |

NOT COMPILED PRIOR TO 1983.

## Waterborne Commerce of the United States, 1987

ROSEDALE HARBOR, MISS.--CONTINUED

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |           | LOCAL  |
|---|---------|----------|-----------|--------|
|   |         | RECEIPTS | SHIPMENTS |        |
| TOTAL-----                              | 355,227 | 136,691  | 191,595   | 27,161 |
| 0103 CORN-----                          | 6,738   | 6,738    | -----     | -----  |
| 0105 RICE-----                          | 55,605  | -----    | 55,605    | -----  |
| 0106 SUGARUM GRAINS-----                | 13,894  | 2,957    | 10,937    | -----  |
| 0107 WHEAT-----                         | 29,298  | -----    | 29,298    | -----  |
| 0111 SOYBEANS-----                      | 84,638  | 1,300    | 83,338    | -----  |
| 0119 OILSEEDS, NEC-----                 | 3,423   | -----    | 3,423     | -----  |
| 1121 COAL AND LIGNITE-----              | 2,839   | 2,839    | -----     | -----  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 41,851  | 14,710   | -----     | 27,141 |
| 2042 ANIMAL FEEDS-----                  | 10,959  | 6,588    | 2,571     | -----  |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 1,508   | -----    | 1,508     | -----  |
| 2811 LOGS-----                          | 738     | -----    | 738       | -----  |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 2,002   | 2,002    | -----     | -----  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 40,465  | 39,088   | 1,377     | -----  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 8,491   | 8,491    | -----     | -----  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 2,934   | 2,934    | -----     | -----  |
| 3241 BUILDING CEMENT-----               | 32,483  | 32,483   | -----     | -----  |
| 3312 SLAG-----                          | 1,400   | -----    | 1,400     | -----  |
| 3314 IRON AND STEEL PRIMARY FORGS-----  | 1,300   | 1,300    | -----     | -----  |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 1,106   | 1,106    | -----     | -----  |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 2,800   | 1,400    | 1,400     | -----  |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 14,755  | 14,755   | -----     | -----  |

MINNEAPOLIS, MINN.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 850 THROUGH MILE 857 (UMR), CONTROLLING DEPTH: 9 FEET, PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 2,150,670 | 1983----- | 1,471,510 |
| 1979----- | 2,466,910 | 1984----- | 1,181,532 |
| 1980----- | 2,246,839 | 1985----- | 1,448,655 |
| 1981----- | 1,675,466 | 1986----- | 1,459,864 |
| 1982----- | 1,435,687 | 1987----- | 1,506,329 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL |           | TONS  |
|---|-----------|----------|-----------|-------|
|   |           | RECEIPTS | SHIPMENTS |       |
| TOTAL-----                              | 1,506,329 | 847,108  | 659,221   | ----- |
| 0102 BARLEY AND HYE-----                | 1,629     | -----    | 1,629     | ----- |
| 0103 CORN-----                          | 41,010    | -----    | 41,010    | ----- |
| 0104 DATS-----                          | 19,746    | -----    | 19,746    | ----- |
| 0107 WHEAT-----                         | 44,502    | -----    | 44,502    | ----- |
| 0111 SOYBEANS-----                      | 50,145    | -----    | 50,145    | ----- |
| 1091 NONFERROUS DRES, CONCENT, NEC----- | 7,124     | -----    | 7,124     | ----- |
| 1121 COAL AND LIGNITE-----              | 316,922   | 63,621   | 253,301   | ----- |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 426,580   | 426,580  | -----     | ----- |
| 1499 NONMETALLIC MINERALS, NEC-----     | 33,156    | 33,156   | -----     | ----- |
| 2042 ANIMAL FEEDS-----                  | 14,841    | -----    | 14,841    | ----- |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 7,075     | -----    | 7,075     | ----- |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 46,815    | -----    | 46,815    | ----- |
| 2211 BASIC TEXTILE PRODUCTS-----        | 3,109     | 3,109    | -----     | ----- |
| 2421 LUMBER-----                        | 1,500     | -----    | 1,500     | ----- |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 7,434     | 7,434    | -----     | ----- |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 17,527    | 6,585    | 12,942    | ----- |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 146,955   | -----    | 146,955   | ----- |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 22,737    | 21,225   | 1,512     | ----- |
| 2920 COKE, PETROLEUM COKE-----          | 1,629     | 1,629    | -----     | ----- |
| 3241 BUILDING CEMENT-----               | 246,358   | 246,358  | -----     | ----- |
| 3314 IRON AND STEEL PRIMARY FORGS-----  | 5,421     | 3,872    | 1,549     | ----- |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 24,917    | 20,342   | 4,575     | ----- |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 3,628     | 3,628    | -----     | ----- |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 8,554     | 8,554    | -----     | ----- |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 2,789     | 2,789    | -----     | ----- |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 226       | 226      | -----     | ----- |

## MISSISSIPPI RIVER

143

ST. PAUL, MINN.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 630 THROUGH MILE 647 (UMR). CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 9,682,785  | 1983----- | 12,141,999 |
| 1979----- | 11,248,111 | 1984----- | 12,516,934 |
| 1980----- | 10,526,472 | 1985----- | 9,968,193  |
| 1981----- | 10,315,866 | 1986----- | 7,807,179  |
| 1982----- | 8,998,746  | 1987----- | 7,410,589  |

\* PASSENGERS--3,926.

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                                | TOTAL     | INTERNAL  |           |
|--|-----------|-----------|-----------|
|  |           | RECEIPTS  | SHIPMENTS |
| TOTAL-----                               | 7,418,589 | 5,670,172 | 3,748,417 |
| 0102 BARLEY AND RYE-----                 | 25,617    | -----     | 25,617    |
| 0103 CORN-----                           | 780,661   | 5,125     | 777,536   |
| 0104 OATS-----                           | 4,090     | -----     | 4,090     |
| 0106 SORGHUM GRAINS-----                 | 1,400     | -----     | 1,400     |
| 0107 WHEAT-----                          | 453,089   | -----     | 453,089   |
| 0111 SOYBEANS-----                       | 1,222,001 | 2,518     | 1,222,483 |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 11,624    | 11,624    | -----     |
| 1061 MANGANESE OXIDES, CONCENTRATES----- | 1,421     | 1,421     | -----     |
| 1121 COAL AND LIGNITE-----               | 230,718   | 212,932   | 17,786    |
| 1411 LIMESTONE-----                      | 12,283    | 12,283    | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----     | 1,891,285 | 1,891,285 | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----      | 96,251    | 96,251    | -----     |
| 2042 ANIMAL FEEDS-----                   | 315,484   | 6,792     | 308,692   |
| 2049 GRAIN MILL PRODUCTS, NEC-----       | 37,836    | -----     | 37,836    |
| 2062 MOLASSES-----                       | 39,733    | 29,156    | 10,577    |
| 2091 VEGETABLE OILS, WAX, SHORT-----     | 14,563    | -----     | 14,563    |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 4,332     | 4,332     | -----     |
| 2211 BASIC TEXTILE PRODUCTS-----         | 6,935     | 6,935     | -----     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 2,458     | 2,458     | -----     |
| 2631 PAPER AND PAPERBOARD-----           | 1,389     | 1,389     | -----     |
| 2810 SODIUM HYDROXIDE-----               | 47,815    | 47,815    | -----     |
| 2913 ALCOHOLS-----                       | 44,738    | 44,738    | -----     |
| 2817 BENZENE AND TOLUENE-----            | 519       | -----     | 519       |
| 2819 BASIC CHEMICALS AND PHOS, NEC-----  | 8,249     | 8,249     | -----     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----   | 53,440    | 47,810    | 5,630     |
| 2872 POTASSIC CHEM FERTILIZERS-----      | 336,689   | 1,503     | 335,386   |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----    | 1,491     | 1,491     | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC-----  | 228,115   | 226,652   | 1,463     |
| 2911 GASOLINE-----                       | 586,745   | 585,922   | 823       |
| 2913 KEROSENE-----                       | 2,411     | 2,411     | -----     |
| 2914 DISTILLATE FUEL OIL-----            | 197,226   | 185,652   | 1,774     |
| 2915 RESIDUAL FUEL OIL-----              | 44,583    | 6,600     | 37,983    |
| 2918 ASPHALT, TAR, AND PITCHES-----      | 80,820    | 37,670    | 43,150    |
| 2920 COKE, PETROLEUM COKE-----           | 832,957   | -----     | 832,957   |
| 3241 BUILDING CEMENT-----                | 138,500   | 138,500   | -----     |
| 3311 PIG IRON-----                       | 7,780     | 7,780     | -----     |
| 3312 SLAG-----                           | 28,011    | 28,011    | -----     |
| 3314 IRON AND STEEL PRIMARY FORMS-----   | 8,384     | 1,978     | 6,406     |
| 3315 IRON, STEEL SHAPES, EXC SHEET-----  | 5,485     | 5,485     | -----     |
| 3316 IRON AND STEEL PLATES, SHEETS-----  | 3,096     | 3,096     | -----     |
| 3317 IRON AND STEEL PIPE AND TUBE-----   | 1,538     | 1,538     | -----     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----   | 2,749     | 2,749     | -----     |
| 3411 FABRICATED METAL PRODUCTS-----      | 2,205     | 803       | 1,402     |
| 4011 IRON AND STEEL SCRAP-----           | 7,255     | -----     | 7,255     |
| 4312 COMMODITIES, NEC-----               | 1,220     | 1,220     | -----     |

MEMPHIS, TENN.

SECTION INCLUDED: FROM MILE 715.5 TO MILE 781.0 ON LOWER MISSISSIPPI RIVER AND INCLUDES MEMPHIS HARBOR (MCKELLAR LAKE) AND WOLF RIVER HARBOR, TENNESSEE. CONTROLLING DEPTH: 4 FEET. PROJECT DEPTH: 9 FEET. AT LOW WATER STAGES.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | YEAR      | TONS       |
|-----------|------------|-----------|------------|
| 1978----- | 13,157,806 | 1983----- | 12,156,447 |
| 1979----- | 12,346,022 | 1984----- | 12,717,704 |
| 1980----- | 11,451,998 | 1985----- | 10,374,750 |
| 1981----- | 11,403,294 | 1986----- | 10,784,666 |
| 1982----- | 11,686,063 | 1987----- | 11,200,918 |

\* PASSENGERS--6,271.

## Waterborne Commerce of the United States, 1987

MEMPHIS, TENN.--CONTINUED

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL      | INTERNAL  |           | LOCAL   |
|---|------------|-----------|-----------|---------|
|   |            | RECEIPTS  | SHIPMENTS |         |
| TOTAL-----                              | 11,200,916 | 8,323,166 | 2,743,794 | 133,956 |
| J103 CORN-----                          | 427,428    | 414,050   | 13,378    | -----   |
| 0105 RICE-----                          | 79,489     | -----     | 79,489    | -----   |
| 0106 SORGHUM GRAINS-----                | 121,070    | -----     | 121,070   | -----   |
| 0107 WHEAT-----                         | 461,527    | 11,874    | 449,653   | -----   |
| 0111 SOYBEANS-----                      | 638,786    | 196,369   | 438,617   | -----   |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 1,400      | 1,400     | -----     | -----   |
| 1121 COAL AND LIGITE-----               | 1,601,556  | 1,601,556 | -----     | -----   |
| 1411 LIMESTONE-----                     | 460,902    | 460,902   | -----     | -----   |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 953,862    | 904,254   | 48,092    | 1,516   |
| 1999 NONMETALLIC MINERALS, VEC-----     | 15,949     | 15,949    | -----     | -----   |
| 2042 ANIMAL FEEDS-----                  | 372,060    | 1,450     | 370,610   | -----   |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 547,449    | 1,450     | 545,999   | -----   |
| 2062 VOLASSES-----                      | 11,067     | 11,067    | -----     | -----   |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 143,210    | 97,297    | 45,921    | -----   |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----   | 7,755      | -----     | 7,755     | -----   |
| 2810 SODIUM HYDROXIDE-----              | 96,966     | 96,966    | -----     | -----   |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----  | 9,483      | 5,334     | 4,149     | -----   |
| 2813 ALCOHOLS-----                      | 83,385     | 81,985    | -----     | 1,400   |
| 2817 BENZENE AND TOLUENE-----           | 8,350      | 8,350     | -----     | -----   |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 31,803     | 18,640    | 13,183    | -----   |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 51,816     | 41,121    | 10,695    | -----   |
| 2872 POTASSIUM CHEM FERTILIZERS-----    | 20,910     | 20,910    | -----     | -----   |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 2,622      | 1,374     | 1,248     | -----   |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 25,905     | 25,495    | -----     | -----   |
| 2911 GASOLINE-----                      | 2,293,585  | 1,885,460 | 325,313   | 82,812  |
| 2912 JET FUEL-----                      | 269,502    | 266,010   | 3,492     | -----   |
| 2913 KEROSENE-----                      | 13,915     | -----     | 13,915    | -----   |
| 2914 DISTILLATE FUEL OIL-----           | 593,781    | 426,915   | 119,139   | 47,727  |
| 2915 RESIDUAL FUEL OIL-----             | 475,145    | 408,305   | 66,840    | -----   |
| 2916 LUBRICATING OILS AND GREASES-----  | 51,906     | 50,575    | 1,331     | -----   |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 32,154     | 21,745    | 10,409    | -----   |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 358,560    | 345,034   | 12,726    | -----   |
| 2921 LIQUEFIED GASES-----               | 1,193      | 1,193     | -----     | -----   |
| 3241 BUILDING CEMENT-----               | 581,422    | 581,422   | -----     | -----   |
| 3271 LIME-----                          | 4,100      | 4,100     | -----     | -----   |
| 3312 SLAG-----                          | 3,065      | -----     | 3,065     | -----   |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 79,980     | 79,980    | -----     | -----   |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 125,397    | 124,107   | 1,290     | -----   |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 68,104     | 65,859    | 2,245     | -----   |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 14,508     | 14,508    | -----     | -----   |
| 3322 COPPER ALLOYS, UNWORKED-----       | 1,266      | 1,266     | -----     | -----   |
| 3323 LEAD AND ZINC, UNWORKED-----       | 2,701      | 2,198     | -----     | 503     |
| 3411 FABRICATED METAL PRODUCTS-----     | 1,099      | 949       | 150       | -----   |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 4,365      | 750       | 3,615     | -----   |
| 4011 IRON AND STEEL SCRAP-----          | 33,155     | 2,530     | 30,625    | -----   |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 21,163     | 21,163    | -----     | -----   |

## HELENA, ARK.

SECTION INCLUDED: MILE 659 THROUGH MILE 663 ON THE LOWER MISSISSIPPI RIVER. HELENA HARBOR, ARKANSAS WAS AUTHORIZED UNDER AUTHORITY OF SECTION 107 OF THE RIVER AND HARBOR ACT OF 1960. THE PROJECT PROVIDES FOR MAINTENANCE OF AN OFF-RIVER HARBOR WITH DIMENSIONS OF 9 FEET DEEP AND 450 FEET WIDE FOR A LENGTH OF 3,200 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 3,195,490 | 1983----- | 2,305,362 |
| 1979----- | 2,551,946 | 1984----- | 1,760,216 |
| 1980----- | 2,708,260 | 1985----- | 1,246,110 |
| 1981----- | 2,136,454 | 1986----- | 1,085,045 |
| 1982----- | 2,252,665 | 1987----- | 989,822   |

FREIGHT TRAFFIC, 1987

DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |           | LOCAL  |
|---|---------|----------|-----------|--------|
|   |         | RECEIPTS | SHIPMENTS |        |
| TOTAL-----                              | 989,822 | 296,742  | 656,085   | 36,195 |
| J103 CORN-----                          | 1,652   | 1,652    | -----     | -----  |
| 0105 RICE-----                          | 98,968  | -----    | 98,968    | -----  |
| 0106 SORGHUM GRAINS-----                | 8,151   | -----    | 8,151     | -----  |
| 0107 WHEAT-----                         | 59,277  | -----    | 59,277    | -----  |
| 0111 SOYBEANS-----                      | 92,554  | 80,627   | 11,927    | -----  |
| 1411 LIMESTONE-----                     | 33,768  | 33,768   | -----     | -----  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 68,545  | 68,545   | -----     | -----  |
| 2042 ANIMAL FEEDS-----                  | 19,116  | 1,639    | 17,477    | -----  |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 255,966 | 3,466    | 252,502   | -----  |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 130,278 | 36,437   | 93,841    | -----  |
| 2099 BASIC CHEMICALS AND PROD, NEC----- | 26,477  | 26,477   | -----     | -----  |

## MISSISSIPPI RIVER

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HELENA, ARK.--CONTINUED  
 FREIGHT TRAFFIC, 1987--CONTINUED  
 DOMESTIC--CONTINUED  
 (SHORT TONS)

| COMMODITY                               | TOTAL  | INTERNAL |           | LOCAL  |
|---|--------|----------|-----------|--------|
|   |        | RECEIPTS | SHIPMENTS |        |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 17,441 | 17,441   | -----     | -----  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 6,416  | 6,416    | -----     | -----  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 9,726  | 9,726    | -----     | -----  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 5,266  | 5,266    | -----     | -----  |
| 2911 GASOLINE-----                      | 56,263 | -----    | 56,263    | -----  |
| 2914 DISTILLATE FUEL OIL-----           | 53,352 | -----    | 53,352    | -----  |
| 2916 LUBRICATING OILS AND GREASES-----  | 4,514  | 2,257    | 2,257     | -----  |
| 3271 LIME-----                          | 1,684  | 1,684    | -----     | -----  |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 650    | 650      | -----     | -----  |
| 4112 COMMODITIES, NEC-----              | 2,870  | -----    | 2,870     | -----  |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 38,688 | 2,493    | -----     | 38,195 |

## GREENVILLE, MISS.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 537 AHP LEFT DESCENDING BANK IN AN EASTERLY DIRECTION, AT ENTRANCE CHANNEL, 8,000 FEET LONG AND 250 FEET WIDE TRANSITIONING INTO THE HARBOUR AND PORT AREA 10,000 FEET LONG AND 500 FEET WIDE, THEN TRANSITIONING INTO LAKE FERGUSON, A CHANNEL 5,700 FEET LONG AND 250 FEET WIDE. DEPTHS ARE MAINTAINED TO 9 FEET

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 5,341,285 | 1983----- | 2,059,904 |
| 1979----- | 3,329,698 | 1984----- | 1,990,149 |
| 1980----- | 2,706,791 | 1985----- | 1,953,189 |
| 1981----- | 2,615,721 | 1986----- | 2,021,097 |
| 1982----- | 1,603,605 | 1987----- | 1,962,197 |

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL     | INTERNAL  |           | TONS  |
|---|-----------|-----------|-----------|-------|
|   |           | RECEIPTS  | SHIPMENTS |       |
| TOTAL-----                              | 1,962,197 | 1,254,901 | 707,296   | ----- |
| 0103 CORN-----                          | 67,389    | 64,283    | 3,106     | ----- |
| 0105 RICE-----                          | 303,443   | 1,200     | 302,243   | ----- |
| 0106 SORGHUM GRAINS-----                | 22,196    | -----     | 22,196    | ----- |
| 0107 WHEAT-----                         | 75,124    | 1,534     | 73,590    | ----- |
| 0111 SOYBEANS-----                      | 185,319   | 3,107     | 182,212   | ----- |
| 0119 OILSEEDS, NEC-----                 | 4,974     | -----     | 4,974     | ----- |
| 0191 MISCELLANEOUS FARM PRODUCTS-----   | 1,307     | 1,307     | -----     | ----- |
| 1311 CRUDE PETROLEUM-----               | 10,290    | 10,294    | -----     | ----- |
| 1411 LIMESTONE-----                     | 65,253    | 65,253    | -----     | ----- |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 302,459   | 302,459   | -----     | ----- |
| 2642 ANIMAL FEEDS-----                  | 57,008    | 56,701    | 2,307     | ----- |
| 2803 GRAIN MILL PRODUCTS, NEC-----      | 7,268     | 7,268     | -----     | ----- |
| 2813 ALCOHOLS-----                      | 5,180     | 5,180     | -----     | ----- |
| 2817 BENZENE AND TOLUENE-----           | 1,400     | 1,400     | -----     | ----- |
| 2919 BASIC CHEMICALS AND PROD, NEC----- | 5,250     | 3,133     | 2,125     | ----- |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 56,120    | 34,615    | 1,505     | ----- |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 1,248     | 1,248     | -----     | ----- |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 1,398     | 1,398     | -----     | ----- |
| 2911 GASOLINE-----                      | 496,952   | 496,195   | 757       | ----- |
| 2913 KEROSENE-----                      | 2,740     | -----     | 2,740     | ----- |
| 2914 DISTILLATE FUEL OIL-----           | 75,555    | 64,678    | 8,877     | ----- |
| 2915 RESIDUAL FUEL OIL-----             | 25,329    | 25,329    | -----     | ----- |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 26,053    | 18,688    | 8,015     | ----- |
| 2921 LIQUEFIED GASES-----               | 96,205    | 86,205    | -----     | ----- |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 5,291     | 5,291     | -----     | ----- |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 155       | 155       | -----     | ----- |
| 4011 IRON AND STEEL SCRAP-----          | 38,049    | -----     | 38,049    | ----- |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 54,600    | -----     | 54,600    | ----- |

## LAKE PROVIDENCE, LA.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 482.0 AHP RIGHT DESCENDING BANK IN A WESTERLY DIRECTION, A CHANNEL 8,200 FEET LONG, 150 FEET WIDE, AND 9 FEET DEEP, WITH A TURNING BASIN 400 FEET WIDE, 800 FEET LONG, AND 9 FEET DEEP AT CHANNEL UPPER LIMITS.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TUNS    | YEAR      | TONS      |
|-----------|---------|-----------|-----------|
| 1978----- | 522,566 | 1983----- | 481,324   |
| 1979----- | 694,410 | 1984----- | 692,445   |
| 1980----- | 912,435 | 1985----- | 984,615   |
| 1981----- | 543,146 | 1986----- | 1,064,075 |
| 1982----- | 455,878 | 1987----- | 979,724   |

## Waterborne Commerce of the United States, 1987

LAKE PROVIDENCE, LA.--CONTINUED

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |           |
|---|---------|----------|-----------|
|   |         | RECEIPTS | SHIPMENTS |
| TOTAL-----                              | 979,724 | 796,980  | 182,744   |
| 0103 CORN-----                          | 12,416  | 10,939   | 1,477     |
| 0104 OATS-----                          | 3,023   | -----    | 3,023     |
| 0105 RICE-----                          | 57,141  | -----    | 57,141    |
| 0106 SORGHUM GRAINS-----                | 15,876  | -----    | 15,876    |
| 0107 WHEAT-----                         | 17,085  | -----    | 17,085    |
| 0111 SOYBEANS-----                      | 75,452  | -----    | 75,452    |
| 0119 JILSEEDS, NEC-----                 | 5,588   | -----    | 5,588     |
| 1121 COAL AND LIGNITE-----              | 89,984  | 89,984   | -----     |
| 1411 LIMESTONE-----                     | 26,647  | 26,647   | -----     |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 109,239 | 109,239  | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 4,744   | 1,542    | 3,202     |
| 2042 ANIMAL FEEDS-----                  | 5,827   | 3,090    | 2,737     |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 1,163   | -----    | 1,163     |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 15,744  | 15,744   | -----     |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 3,230   | 3,230    | -----     |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 1,347   | 1,347    | -----     |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 9,296   | 9,296    | -----     |
| 9118 WATERWAY IMPROVEMENT MAT-----      | 525,922 | 525,922  | -----     |

VICKSBURG, MISS.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 437 AWP ON LEFT DESCENDING BANK IN A NORTHERLY DIRECTION, A CHANNEL 14,500 FEET LONG BY 150 FEET WIDE IN THE YAZOO DIVERSION CANAL, THENCE A DREDGED ENTRANCE CHANNEL 4,800 FEET LONG AND 150 FEET WIDE, TRANSITIONING INTO A 300-FOOT WIDE DREDGED SLACK WATER HARBOR AND TURNING BASIN 10,700 FEET LONG. ALL CHANNELS ARE MAINTAINED TO A 9-FOOT DEPTH AT LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS      | YEAR      | TONS      |
|-----------|-----------|-----------|-----------|
| 1978----- | 3,433,089 | 1983----- | 3,005,419 |
| 1979----- | 3,838,205 | 1984----- | 3,764,952 |
| 1980----- | 3,362,267 | 1985----- | 3,315,292 |
| 1981----- | 2,763,600 | 1986----- | 3,123,181 |
| 1982----- | 2,658,080 | 1987----- | 2,879,083 |

\* PASSENGERS--16,560.

## FREIGHT TRAFFIC, 1987

(SHORT TONS)

| COMMODITY                               | TOTAL     | FOREIGN |         | DOMESTIC  |           | LOCAL  |
|---|-----------|---------|---------|-----------|-----------|--------|
|   |           | IMPORTS | EXPORTS | RECEIPTS  | SHIPMENTS |        |
| TOTAL-----                              | 2,879,083 | 96      | 129     | 2,101,886 | 766,471   | 10,501 |
| 0103 CORN-----                          | 53,187    | -----   | -----   | 51,691    | 1,496     | -----  |
| 0104 OATS-----                          | 9,799     | -----   | -----   | 9,799     | -----     | -----  |
| 0106 SORGHUM GRAINS-----                | 31,986    | -----   | -----   | -----     | 31,986    | -----  |
| 0107 WHEAT-----                         | 28,074    | -----   | -----   | -----     | 28,074    | -----  |
| 0111 SOYBEANS-----                      | 223,721   | -----   | -----   | 185,047   | 38,674    | -----  |
| 0161 ANIMALS AND PRODUCTS, NEC-----     | 5         | -----   | 5       | -----     | -----     | -----  |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----  | 7         | 7       | -----   | -----     | -----     | -----  |
| 0912 SHELLFISH, EXCEPT PREPARED-----    | 10        | 10      | -----   | -----     | -----     | -----  |
| 0931 MARINE SHELLS, UNMANUFACTURED----- | 6,750     | -----   | -----   | 6,750     | -----     | -----  |
| 1311 CRUDE PETROLEUM-----               | 316,849   | -----   | -----   | 253,331   | 63,518    | -----  |
| 1411 LIMESTONE-----                     | 26,362    | -----   | -----   | 26,362    | -----     | -----  |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 43,748    | -----   | -----   | 43,748    | -----     | -----  |
| 2011 MEAT, FRESH, CHILLED, FROZEN-----  | 107       | -----   | 107     | -----     | -----     | -----  |
| 2031 FISH AND SHELLFISH, PREPARED-----  | 79        | 74      | -----   | -----     | -----     | -----  |
| 2042 ANIMAL FEEDS-----                  | 35,283    | -----   | -----   | 35,283    | -----     | -----  |
| 2049 GRAIN MILL PRODUCTS, NEC-----      | 266,340   | -----   | -----   | -----     | 266,340   | -----  |
| 2091 VEGETABLE OILS, MARG, SHORT-----   | 77,143    | -----   | -----   | -----     | 77,143    | -----  |
| 2411 LOGS-----                          | 162,030   | -----   | -----   | 162,030   | -----     | -----  |
| 2611 PULP-----                          | 25,612    | -----   | -----   | -----     | 25,612    | -----  |
| 2631 PAPER AND PAPERBOARD-----          | 49,390    | -----   | -----   | -----     | 49,390    | -----  |
| 2691 PULP AND PAPER PRODUCTS, NEC-----  | 16        | -----   | 16      | -----     | -----     | -----  |
| 2613 ALCOMOL-----                       | 12,669    | -----   | -----   | 11,959    | 710       | -----  |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 53,427    | -----   | -----   | 53,427    | -----     | -----  |
| 2872 POTASSIC CHEM FERTILIZERS-----     | 18,800    | -----   | -----   | 18,800    | -----     | -----  |
| 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 4,768     | -----   | -----   | 4,768     | -----     | -----  |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 10,662    | -----   | -----   | 10,662    | -----     | -----  |
| 2911 GASOLINE-----                      | 667,387   | -----   | -----   | 636,741   | 25,112    | 5,534  |
| 2913 KEROSENE-----                      | 15,891    | -----   | -----   | -----     | 15,891    | -----  |
| 2914 DISTILLATE FUEL OIL-----           | 200,294   | -----   | -----   | 169,679   | 25,648    | 8,967  |
| 2915 RESIDUAL FUEL OIL-----             | 61,357    | -----   | -----   | 29,312    | 32,045    | -----  |
| 2916 LUBRICATING OILS AND GREASES-----  | 50,824    | -----   | -----   | 49,431    | 1,393     | -----  |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 27,410    | -----   | -----   | 2,985     | 24,425    | -----  |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 124,519   | -----   | -----   | 77,663    | 46,656    | -----  |
| 2920 COKE, PETROLEUM COKE-----          | 1,470     | -----   | -----   | 1,470     | -----     | -----  |
| 3241 BUILDING CEMENT-----               | 63,171    | -----   | -----   | 63,171    | -----     | -----  |
| 3271 LIME-----                          | 59,100    | -----   | -----   | 54,600    | 4,500     | -----  |
| 3312 SLAG-----                          | 10,585    | -----   | -----   | 6,187     | 4,438     | -----  |
| 3314 IRON AND STEEL PRIMARY FORGS-----  | 10,482    | -----   | -----   | 10,482    | -----     | -----  |

## MISSISSIPPI RIVER

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VICKSBURG, MISS.--CONTINUED  
FREIGHT TRAFFIC, 1987--CONTINUED  
(SHORT TONS)

| COMMODITY                               | TOTAL  | FOREIGN  |           | DOMESTIC |           | LOCAL |
|---|--------|----------|-----------|----------|-----------|-------|
|   |        | IMPORTS  | EXPORTS   | INTERNAL | SHIPMENTS |       |
|   |        | RECEIPTS | SHIPMENTS |          |           |       |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 27,841 | -----    | -----     | 27,841   | -----     | ----- |
| 3316 IRON AND STEEL PLATES, SHEETS----- | 11,130 | -----    | -----     | 7,910    | 3,220     | ----- |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 383    | -----    | -----     | 303      | -----     | ----- |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 2,765  | -----    | -----     | 2,765    | -----     | ----- |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 1      | -----    | 1         | -----    | -----     | ----- |
| 4011 IRON AND STEEL SCRAP-----          | 776    | -----    | -----     | 776      | -----     | ----- |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 86,873 | -----    | -----     | 86,873   | -----     | ----- |

NATCHEZ, MISS.

SECTION INCLUDED: FROM MISSISSIPPI RIVER MILE 359 THROUGH MILE 365 (LMR). CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS    | YEAR      | TONS    |
|-----------|---------|-----------|---------|
| 1978----- | 911,965 | 1983----- | 644,307 |
| 1979----- | 787,542 | 1984----- | 588,422 |
| 1980----- | 605,701 | 1985----- | 415,185 |
| 1981----- | 626,602 | 1986----- | 544,904 |
| 1982----- | 674,700 | 1987----- | 537,297 |

\* PASSENGERS--28,175.

## FREIGHT TRAFFIC, 1987

## DOMESTIC

(SHORT TONS)

| COMMODITY                               | TOTAL   | INTERNAL |           | TONS |
|---|---------|----------|-----------|------|
|   |         | RECEIPTS | SHIPMENTS |      |
| TOTAL-----                              | 537,297 | 266,555  | 270,742   |      |
| 0103 CORN-----                          | 1,476   | 1,474    | -----     |      |
| 0106 SORGHUM GRAINS-----                | 7,577   | -----    | 7,577     |      |
| 0111 SOYBEANS-----                      | 44,338  | 1,500    | 42,834    |      |
| 1121 COAL AND LIGNITE-----              | 2,979   | 2,979    | -----     |      |
| 1311 CRUDE PETROLEUM-----               | 7,980   | -----    | 7,980     |      |
| 1411 LIMESTONE-----                     | 16,872  | 16,872   | -----     |      |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 26,771  | 23,813   | 2,958     |      |
| 1499 NONMETALLIC MINERALS, NEC-----     | 1,563   | 1,563    | -----     |      |
| 2421 LUMBER-----                        | 12,632  | -----    | 12,632    |      |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----  | 40,567  | -----    | 40,567    |      |
| 2611 PULP-----                          | 32,598  | -----    | 32,598    |      |
| 2631 PAPER AND PAPERBOARD-----          | 10,414  | -----    | 10,414    |      |
| 2819 BASIC CHEMICALS AND PROD, NEC----- | 26,988  | 26,988   | -----     |      |
| 2861 GUM AND WOOD CHEMICALS-----        | 88,485  | 26,841   | 61,644    |      |
| 2871 NITROGENOUS CHEM FERTILIZERS-----  | 11,228  | 11,228   | -----     |      |
| 2872 POTASSIUM CHEM FERTILIZERS-----    | 52,162  | -----    | 32,162    |      |
| 2879 FERTILIZER AND MATERIALS, NEC----- | 1,401   | -----    | 1,401     |      |
| 2915 RESIDUAL FUEL OIL-----             | 1,800   | -----    | 1,800     |      |
| 2916 LUBRICATING OILS AND GREASES-----  | 6,295   | 6,295    | -----     |      |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 1,352   | 1,352    | -----     |      |
| 3241 BUILDING CEMENT-----               | 83,949  | 83,949   | -----     |      |
| 3271 LIME-----                          | 1,634   | 1,634    | -----     |      |
| 4011 IRON AND STEEL SCRAP-----          | 16,575  | -----    | 16,575    |      |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 60,067  | 60,067   | -----     |      |

## OTHER HARBORS AND WATERWAYS

| HARBOR OR WATERWAY           | COMMODITY                              | TONS    | TOTAL TON-MILES | PASSENGERS |
|------------------------------|--|---------|-----------------|------------|
| <b>PROJECT</b>               |  |         |                 |            |
| MADISON PARISH PORT, LA----- | 0103 CORN-----                         | 21,959  | -----           | -----      |
|                              | 0104 OATS-----                         | 29,655  | -----           | -----      |
|                              | 0106 SORGHUM GRAINS-----               | 4,837   | -----           | -----      |
|                              | 0107 MEAT-----                         | 9,490   | -----           | -----      |
|                              | 0111 SOYBEANS-----                     | 14,202  | -----           | -----      |
|                              | 0118 OILSEEDS, NEC-----                | 12,502  | -----           | -----      |
|                              | 1442 SAND, GRAVEL, CRUSHED ROCK-----   | 23,880  | -----           | -----      |
|                              | 2631 PAPER AND PAPERBOARD-----         | 998     | -----           | -----      |
|                              | 2871 NITROGENOUS CHEM FERTILIZERS----- | 39,692  | -----           | -----      |
|                              | 2873 PHOSPHATIC CHEM FERTILIZERS-----  | 1,552   | -----           | -----      |
|                              | 2911 GASOLINE-----                     | 1,400   | -----           | -----      |
|                              | 2915 RESIDUAL FUEL OIL-----            | 1,698   | -----           | -----      |
|                              | 3317 IRON AND STEEL PIPE AND TUBE----- | 7,250   | -----           | -----      |
|                              | TOTAL-----                             | 169,115 | -----           | -----      |

## MISSISSIPPI RIVER SYSTEM

SECTION INCLUDED: MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

## COMPARATIVE STATEMENT OF TRAFFIC

(NET INLAND TRAFFIC)

| YEAR      | TONS        | YEAR      | TONS        |
|-----------|-------------|-----------|-------------|
| 1978----- | 355,364,514 | 1983----- | 351,953,271 |
| 1979----- | 370,757,973 | 1984----- | 386,561,087 |
| 1980----- | 365,569,149 | 1985----- | 376,852,148 |
| 1981----- | 362,930,042 | 1986----- | 402,801,874 |
| 1982----- | 347,476,116 | 1987----- | 414,175,845 |

## INTERVAL AND LOCAL TRAFFIC, BY COMMODITY, CALENDAR YEAR 1987

(SHORT TONS)

| COMMODITY                                | TOTAL TONS<br>(EXCLUDING<br>DUPLICATIONS) | COMMODITY                               | TOTAL TONS<br>(EXCLUDING<br>DUPLICATIONS) |
|--|---|---|---|
| 0101 COTTON, RAW-----                    | 4,510                                     | 2821 PLASTIC MATERIALS-----             | 4,498                                     |
| 0102 BARLEY AND RYE-----                 | 61,700                                    | 2822 SYNTHETIC RUBBER-----              | 49,431                                    |
| 0103 CORN-----                           | 31,159,575                                | 2841 SOAP-----                          | 5,666                                     |
| 0104 OATS-----                           | 210,729                                   | 2851 PAINTS-----                        | 5   |
| 0105 RICE-----                           | 952,700                                   | 2861 GUM AND WOOD CHEMICALS-----        | 89,967                                    |
| 0106 SORGHUM GRAINS-----                 | 1,956,707                                 | 2871 NITROGENOUS CHEM FERTILIZERS-----  | 6,180,612                                 |
| 0107 WHEAT-----                          | 5,639,842                                 | 2872 POTASSIC CHEM FERTILIZERS-----     | 1,357,265                                 |
| 0111 SOYBEANS-----                       | 17,929,089                                | 2873 PHOSPHATIC CHEM FERTILIZERS-----   | 488,396                                   |
| 0122 OILSEEDS, NEC-----                  | 30,442                                    | 2879 FERTILIZER AND MATERIALS, NEC----- | 3,437,714                                 |
| 0122 MAY AND FOODER-----                 | 1,599                                     | 2891 MISCELLANEOUS CHEMICAL PROD-----   | 291,067                                   |
| 0191 MISCELLANEOUS FARM PRODUCTS-----    | 2,678                                     | 2911 GASOLINE-----                      | 16,171,489                                |
| 0911 FRESH FISH, EXCEPT SHELLFISH-----   | 1,982                                     | 2912 JET FUEL-----                      | 1,992,776                                 |
| 0912 SHELLFISH, EXCEPT PREPARED-----     | 83,137                                    | 2913 KEROSENE-----                      | 310,318                                   |
| 0931 MARINE SHELLS, UNMANUFACTURED-----  | 1,157,773                                 | 2914 DISTILLATE FUEL OIL-----           | 9,617,330                                 |
| 1011 IRON ORE AND CONCENTRATES-----      | 1,840,728                                 | 2915 RESIDUAL FUEL OIL-----             | 13,825,665                                |
| 1021 COPPER ORE AND CONCENTRATES-----    | 66,427                                    | 2916 LUBRICATING OILS AND GREASES-----  | 2,221,066                                 |
| 1051 ALUMINUM ORES, CONCENTRATES-----    | 271,204                                   | 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 2,243,965                                 |
| 1061 MANGANESE ORES, CONCENTRATES-----   | 323,058                                   | 2918 ASPHALT, TAR, AND PITCHES-----     | 4,367,876                                 |
| 1091 NONFERROUS ORES, CONCENT., NEC----- | 427,352                                   | 2920 COKE, PETROLEUM COKE-----          | 4,245,004                                 |
| 1121 COAL AND LIGNITE-----               | 151,083,659                               | 2921 LIQUEFIED GASES-----               | 1,342,203                                 |
| 1311 CRUDE PETROLEUM-----                | 17,056,023                                | 2991 PETROLEUM AND COAL PROD, NEC-----  | 380,447                                   |
| 1611 LIMESTONE-----                      | 5,171,745                                 | 3211 GLASS AND GLASS PRODUCTS-----      | 5,816                                     |
| 1682 SAND, GRAVEL, CRUSHED ROCK-----     | 37,521,751                                | 3241 BUILDING CEMENT-----               | 5,525,106                                 |
| 1451 CLAY-----                           | 426,760                                   | 3251 STRUCTURAL CLAY PRODUCTS-----      | 9,458                                     |
| 1671 PHOSPHATE ROCK-----                 | 54,508                                    | 3271 LIME-----                          | 1,368,143                                 |
| 1679 NATURAL FERTILIZER MATS, NEC-----   | 4,269                                     | 3281 CUT STONE AND STONE PRODUCTS-----  | 1,405                                     |
| 1493 SULPHUR, LIQUID-----                | 2,015,405                                 | 3291 MISC NONMETALLIC MINERAL PROD----- | 38,329                                    |
| 1494 GYPSUM, CRUDE AND PLASTER-----      | 313,011                                   | 3311 PIG IRON-----                      | 164,260                                   |
| 1499 NONMETALLIC MINERALS, NEC-----      | 3,885,218                                 | 3312 SLAG-----                          | 708,197                                   |
| 2014 TALLOW, ANIMAL FATS AND OILS-----   | 56,735                                    | 3314 IRON AND STEEL PRIMARY FORMS-----  | 1,297,977                                 |
| 2081 WHEAT FLOUR AND SEMOLINA-----       | 0,095                                     | 3315 IRON, STEEL SHAPES, EXC SHEET----- | 1,712,462                                 |
| 2042 ANIMAL FEEDS-----                   | 8,454,355                                 | 3317 IRON AND STEEL PIPE AND TUBE-----  | 592,639                                   |
| 2089 GRAIN MILL PRODUCTS, NEC-----       | 5,036,681                                 | 3318 FERROALLOYS-----                   | 474,236                                   |
| 2061 SUGAR-----                          | 452,122                                   | 3319 IRON AND STEEL PRODUCTS, NEC-----  | 894,542                                   |
| 2062 MGLASSES-----                       | 468,668                                   | 3321 NONFERROUS METALS, NEC-----        | 353,478                                   |
| 2091 VEGETABLE OILS, MARG, SHORT-----    | 1,121,712                                 | 3322 COPPER ALLOYS, UNWORKED-----       | 8,762                                     |
| 2092 ANIMAL OILS AND FATS, NEC-----      | 11,062                                    | 3323 LEAD AND ZINC, UNWORKED-----       | 38,017                                    |
| 2094 GROCERIES-----                      | 20  | 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 63,236                                    |
| 2099 MISCELLANEOUS FOOD PRODUCTS-----    | 126,988                                   | 3411 FABRICATED METAL PRODUCIS-----     | 72,070                                    |
| 2211 BASIC TEXTILE PRODUCTS-----         | 19,018                                    | 3611 MACHINERY, EXCEPT ELECTRICAL-----  | 61,616                                    |
| 2212 TEXTILE FIBERS, NEC-----            | 6,684                                     | 3611 ELECTRICAL MACH AND EQUIP-----     | 119,939                                   |
| 2411 LOGS-----                           | 356,962                                   | 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 4,712                                     |
| 2415 PULPWOOD, LOG-----                  | 10,290                                    | 3721 AIRCRAFT AND PARTS-----            | 6,169                                     |
| 2416 WOOD CHIPS, STAVES, HOLDINGS-----   | 426,560                                   | 3731 SHIPS AND BOATS-----               | 1,214                                     |
| 2421 LUMBER-----                         | 23,192                                    | 3791 MISC TRANSPORTATION EQUIPMENT----- | 1,084                                     |
| 2431 VENEER, PLYWOOD, WORKED WOOD-----   | 46,668                                    | 3911 MISC MANUFACTURED PRODUCTS-----    | 155,468                                   |
| 2491 WOOD MANUFACTURES, NEC-----         | 85  | 4011 IRON AND STEEL SCRAP-----          | 2,667,425                                 |
| 2611 PULP-----                           | 181,244                                   | 4012 NONFERROUS METAL SCRAP-----        | 10,930                                    |
| 2621 STANDARD NEWSPRINT PAPER-----       | 40,028                                    | 4029 WASTE AND SCRAP, NEC-----          | 224,866                                   |
| 2631 PAPER AND PAPERBOARD-----           | 253,524                                   | 4111 WATER-----                         | 114,367                                   |
| 2691 PULP AND PAPER PRODUCTS, NEC-----   | 43,581                                    | 4112 COMMODITIES, NEC-----              | 97,025                                    |
| 2810 SODIUM HYDROXIDE-----               | 3,103,691                                 | 4118 WATERWAY IMPROVEMENT MAT-----      | 9,048,135                                 |
| 2811 CRUDE TAR, OIL, GAS PRODUCTS-----   | 861,829                                   | 4119 EMPTY CONTAINERS-----              | 2,039                                     |
| 2813 ALCOHOLS-----                       | 2,444,840                                 | TOTAL SHORT TONS-----                   | 414,175,845                               |
| 2816 RADIOACTIVE MATERIALS, WASTES-----  | 1,344                                     | TOTAL TON-MILES, 225,852,836,386        |   |
| 2817 BENZENE AND TOLUENE-----            | 2,905,210                                 |   |   |
| 2818 SULPHURIC ACID-----                 | 946,489                                   |   |   |
| 2819 BASIC CHEMICALS AND PROD, NEC-----  | 14,589,136                                |   |   |

# CHICAGO, IL, DISTRICT

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## ILLINOIS WATERWAY, ILL. (CONSOLEDATED REPORT FOR ENTIRE WATERWAY)

SECTION INCLUDED: ILLINOIS RIVER, GRAFTON, ILL., TO CONFLUENCE OF DEBPLAINES AND KANKAKEE RIVERS THEN DEBPLAINES RIVER TO LOCKPORT, ILL.; CHICAGO SANITARY AND SHIP CANAL, LOCKPORT, ILL., TO DAMEN AVE. IN CHICAGO; CHICAGO RIVER (SOUTH BRANCH), DAMEN AVENUE TO LAKE STREETS; CALUMET-SAG CHANNEL, FROM ITS JUNCTION WITH THE CHICAGO SANITARY AND SHIP CANAL TO BLUE ISLANDS; AND THE LITTLE CALUMET RIVER AND CALUMET RIVER TO TURNING BASIN NO. 5. SEE REPORTS FOR ILLINOIS RIVER, CHICAGO SANITARY AND SHIP CANAL, CALUMET-SAG CHANNEL, AND CHICAGO RIVER, SOUTH BRANCH, PROJECT DEPTH: 9 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

| YEAR      | TONS       | PASSENGERS | YEAR      | TONS       | PASSENGERS |
|-----------|------------|------------|-----------|------------|------------|
| 1978----- | 41,609,086 | 67,630     | 1983----- | 43,513,677 | 67,380     |
| 1979----- | 39,339,385 | 66,890     | 1984----- | 39,630,784 | 60,660     |
| 1980----- | 45,526,962 | 65,612     | 1985----- | 38,530,638 | 100,324    |
| 1981----- | 43,111,132 | 68,738     | 1986----- | 43,427,158 | 66,496     |
| 1982----- | 42,719,065 | 78,122     | 1987----- | 41,411,729 | -----      |

### FREIGHT TRAFFIC, 1987

#### COASTWISE AND LAKENWISE

(SHORT TONS)

| COMMODITY                               | TOTAL   | DOMESTIC  |          |           |
|---|---------|-----------|----------|-----------|
|   |         | COASTWISE |          | LAKENWISE |
|   |         | SHIPMENTS | RECEIPTS | SHIPMENTS |
| TOTAL-----                              | 286,768 | 8,539     | 177,670  | 100,559   |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 500     | -----     | -----    | 500       |
| 1311 CRUDE PETROLEUM-----               | 2,528   | -----     | -----    | 2,528     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 39,817  | -----     | 39,817   | -----     |
| 2619 BASIC CHEMICALS AND PROD, NEC----- | 4,500   | -----     | -----    | 4,500     |
| 2671 NITROGENOUS CHEM FERTILIZERS-----  | 11,489  | -----     | 2,010    | 9,479     |
| 2911 GASOLINE-----                      | 19,404  | -----     | 1,266    | 18,138    |
| 2912 JET FUEL-----                      | 18,583  | -----     | 7,112    | 11,471    |
| 2913 KEROSENE-----                      | 1,242   | -----     | 1,242    | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 28,667  | -----     | 16,213   | 12,454    |
| 2915 RESIDUAL FUEL OIL-----             | 70,849  | 8,539     | 34,262   | 20,046    |
| 2916 LUBRICATING OILS AND GREASES-----  | 42,000  | -----     | 42,000   | -----     |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 1,400   | -----     | -----    | 1,400     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 45,769  | -----     | 33,748   | 12,041    |

TON-MILES, COASTWISE AND LAKENWISE. 8,193,394.

### INTERNAL

(SHORT TONS)

| COMMODITY                               | TOTAL      | INBOUND   |           | OUTBOUND  |            | UPBOUND   | DOWNBOUND | THROUGH   |           |
|---|------------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|
|   |            | UPBOUND   | DOWNBOUND | UPBOUND   | DOWNBOUND  |           |           | UPBOUND   | DOWNBOUND |
|   |            | UPBOUND   | DOWNBOUND | UPBOUND   | DOWNBOUND  |           |           | UPBOUND   | DOWNBOUND |
| TOTAL-----                              | 41,124,961 | 9,644,873 | 449,519   | 1,284,455 | 19,745,703 | 4,174,398 | 1,174,749 | 3,132,184 | 1,519,080 |
| 3103 CORN-----                          | 11,254,158 | 13,297    | 22,758    | 1,417     | 11,021,790 | 1,491     | -----     | -----     | 103,405   |
| 3104 OATS-----                          | 2,937      | -----     | -----     | -----     | -----      | -----     | -----     | -----     | 2,937     |
| 3106 SORGHUM GRAINS-----                | 33,747     | 6,349     | -----     | -----     | 29,398     | -----     | -----     | -----     | -----     |
| 3107 WHEAT-----                         | 26,506     | 6,310     | -----     | -----     | 210,549    | -----     | -----     | -----     | 56,687    |
| 3111 SOYBEANS-----                      | 3,612,255  | -----     | -----     | -----     | 3,528,672  | -----     | -----     | -----     | 83,583    |
| 3119 DILBEADS, NEC-----                 | 1,472      | 1,472     | -----     | -----     | -----      | -----     | -----     | -----     | -----     |
| 3911 FRESH FISH, EXCEPT SHELLFISH-----  | 109        | -----     | -----     | -----     | -----      | 109       | -----     | -----     | -----     |
| 3931 MARINE SHELLS, UNMANUFACTURED----- | 7,319      | -----     | -----     | -----     | -----      | -----     | -----     | 7,319     | -----     |
| 1011 IRON ORE AND CONCENTRATES-----     | 16,437     | -----     | -----     | -----     | -----      | -----     | -----     | 16,437    | -----     |
| 1051 ALUMINUM ORES, CONCENTRATES-----   | 2,971      | 1,372     | -----     | -----     | -----      | -----     | -----     | 1,599     | -----     |
| 1061 MANGANESE ORES, CONCENTRATES-----  | 63,055     | 2,465     | -----     | -----     | -----      | -----     | -----     | 60,590    | -----     |
| 1091 NONFERROUS ORES, CONCENT, NEC----- | 17,034     | 7,124     | -----     | -----     | -----      | -----     | -----     | 8,310     | 1,600     |
| 1121 COAL AND LIGNITE-----              | 5,847,348  | 2,405,072 | 89,577    | -----     | 2,059,388  | -----     | -----     | 1,293,311 | -----     |
| 1311 CRUDE PETROLEUM-----               | 192,650    | 5,840     | -----     | -----     | 166,693    | 13,615    | 5,702     | -----     | -----     |
| 1411 LIMESTONE-----                     | 75,813     | 38,512    | -----     | -----     | -----      | -----     | -----     | 1,015     | 35,886    |
| 1442 SAND, GRAVEL, CRUSHED ROCK-----    | 5,086,530  | 63,980    | -----     | 1,065,150 | 30,612     | 1,562,317 | 315,900   | 8,571     | -----     |
| 1551 CLAY-----                          | 1,411      | -----     | -----     | -----     | -----      | -----     | -----     | 1,411     | -----     |
| 1494 GYPSUM, CRUDE AND PLASTERS-----    | 11,115     | 11,115    | -----     | -----     | -----      | -----     | -----     | -----     | -----     |
| 1499 NONMETALLIC MINERALS, NEC-----     | 533,447    | 305,086   | 39,150    | -----     | -----      | -----     | 21,600    | 167,611   | -----     |
| 2014 TALLOW, ANIMAL FATS AND OILS-----  | 36,867     | -----     | -----     | -----     | 1,228      | -----     | -----     | -----     | 35,639    |
| 2042 ANIMAL FEEDS-----                  | 1,847,193  | 28,454    | -----     | -----     | 1,802,983  | 1,576     | -----     | -----     | 14,180    |
| 2045 GRAIN MILL PRODUCTS, NEC-----      | 277,743    | 2,919     | -----     | 2,757     | 257,451    | -----     | -----     | -----     | 14,616    |
| 2061 SUGAR-----                         | 54,697     | 41,142    | -----     | -----     | 2,533      | -----     | -----     | 11,022    | -----     |
| 2062 MOLASSES-----                      | 95,194     | 81,902    | -----     | -----     | -----      | -----     | -----     | 13,292    | -----     |
| 2091 VEGETABLE OILS, MANG, SHORT-----   | 13,837     | 11,093    | -----     | -----     | 2,744      | -----     | -----     | -----     | -----     |
| 2111 BASIC TEXTILE PRODUCTS-----        | 1,088      | -----     | -----     | -----     | -----      | -----     | -----     | -----     | -----     |
| 2621 LUMBER-----                        | 11,184     | 9,586     | -----     | -----     | -----      | -----     | -----     | 1,598     | -----     |
| 2631 VENEER, PLYWOOD, WORKED WOOD-----  | 3,891      | 1,334     | -----     | 507       | -----      | -----     | -----     | 2,050     | -----     |
| 2641 PULP-----                          | 7,649      | 7,649     | -----     | -----     | -----      | -----     | -----     | -----     | -----     |
| 2651 PAPER AND PAPERBOARD-----          | 10,434     | 5,412     | -----     | -----     | -----      | -----     | -----     | 5,022     | -----     |
| 2610 SODIUM HYDROXIDE-----              | 523,502    | 409,946   | -----     | -----     | 11,633     | -----     | -----     | 101,723   | -----     |
| 2631 CRUDE TAR, OIL, GAS PRODUCTS-----  | 224,487    | 87,393    | 15,400    | -----     | 103,594    | -----     | 2,800     | -----     | 15,300    |
| 2613 ALCOHOLS-----                      | 723,630    | 223,347   | -----     | 1,267     | 310,648    | 166,635   | 12,344    | 9,189     | -----     |
| 2617 BENZENE AND TOLUENE-----           | 108,289    | 39,496    | 1,400     | -----     | 25,779     | 19,315    | 1,400     | -----     | 20,899    |
| 2619 SULPHURIC ACID-----                | 1,313      | -----     | -----     | -----     | -----      | -----     | -----     | 1,313     | -----     |
| 2619 BASIC CHEMICALS AND PROD, NEC----- | 1,554,155  | 1,306,446 | 130,226   | -----     | 16,916     | 3,246     | 9,207     | 67,294    | 12,820    |
| 2671 NITROGENOUS CHEM FERTILIZERS-----  | 608,652    | 384,452   | 2,791     | 5,055     | 24,831     | 25,817    | 20,839    | 122,642   | 22,225    |
| 2672 POTASSIC CHEM FERTILIZERS-----     | 209,377    | 195,835   | -----     | -----     | 3,210      | 2,995     | -----     | 7,337     | -----     |
| 2673 PHOSPHATIC CHEM FERTILIZERS-----   | 86,363     | 72,700    | -----     | 1,274     | 2,069      | -----     | -----     | 9,720     | -----     |
| 2675 FERTILIZER AND MATERIALS, NEC----- | 635,836    | 620,509   | -----     | -----     | 2,999      | 3,261     | -----     | 9,067     | -----     |
| 2691 MISCELLANEOUS CHEMICAL PROD-----   | 60,895     | 10,005    | -----     | -----     | -----      | -----     | -----     | 27,829    | 23,061    |
| 2911 GASOLINE-----                      | 782,146    | 399,784   | 16,800    | -----     | 189,366    | 18,010    | 155,321   | 2,863     | -----     |
| 2912 JET FUEL-----                      | 2,316      | -----     | -----     | -----     | -----      | -----     | 2,316     | -----     | -----     |

## Waterborne Commerce of the United States, 1987

ILLINOIS WATERWAY, ILL. (CONBOLEGATED REPORT  
FOR ENTIRE WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1987--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

| COMMODITY                               | TOTAL     | INBOUND |           | OUTBOUND |           | UPBOUND | DOWNBOUND | THROUGH |           |
|---|-----------|---------|-----------|----------|-----------|---------|-----------|---------|-----------|
|   |           | UPBOUND | DOWNBOUND | UPBOUND  | DOWNBOUND |         |           | UPBOUND | DOWNBOUND |
| 2913 KEROSENE-----                      | 40,317    | 34,049  | -----     | -----    | -----     | -----   | 1,253     | 5,015   | -----     |
| 2914 DISTILLATE FUEL OIL-----           | 729,562   | 259,624 | 13,056    | -----    | 154,866   | 120,586 | 180,510   | -----   | 722       |
| 2915 RESIDUAL FUEL OIL-----             | 1,646,307 | 789,950 | 13,680    | -----    | 501,356   | 132,503 | 199,960   | 10,332  | 3,346     |
| 2916 LUBRICATING OILS AND GREASES-----  | 337,240   | 277,333 | -----     | -----    | 6,198     | 2,588   | -----     | -----   | 51,121    |
| 2917 NAPHTHA, PETROLEUM SOLVENTS-----   | 200,909   | 117,489 | 14,396    | -----    | 36,775    | 8,794   | 16,872    | 6,583   | -----     |
| 2918 ASPHALT, TAR, AND PITCHES-----     | 632,082   | 238,508 | 3,000     | 1,400    | 162,669   | 23,957  | 171,564   | -----   | 30,984    |
| 2920 COKE, PETROLEUM COKE-----          | 1,437,630 | 93,925  | -----     | 189,373  | 910,139   | 6,200   | 46,811    | 74,098  | 117,084   |
| 2991 PETROLEUM AND COAL PROD, NEC-----  | 4,256     | 4,256   | -----     | -----    | -----     | -----   | -----     | -----   | -----     |
| 3241 BUILDING CEMENT-----               | 802,310   | 644,495 | -----     | -----    | -----     | -----   | -----     | 157,815 | -----     |
| 3271 LIME-----                          | 81,511    | 71,473  | -----     | -----    | -----     | -----   | -----     | 8,602   | 1,436     |
| 3311 PIG IRON-----                      | 38,294    | 11,526  | -----     | -----    | -----     | -----   | -----     | 25,734  | 3,032     |
| 3312 SLAG-----                          | 201,541   | 1,669   | 26,393    | 4,516    | -----     | -----   | -----     | 90,455  | 78,508    |
| 3314 IRON AND STEEL PRIMARY FORMS-----  | 343,093   | 57,874  | -----     | -----    | 15,599    | -----   | -----     | 157,658 | 111,962   |
| 3315 IRON, STEEL SHAPES, EXC SHEET----- | 529,095   | 138,919 | 19,229    | -----    | 46,910    | -----   | -----     | 258,132 | 65,905    |
| 3316 IRON AND STEEL PLATES, SHEET-----  | 159,991   | 7,896   | 800       | -----    | -----     | -----   | -----     | 34,094  | 117,201   |
| 3317 IRON AND STEEL PIPE AND TUBE-----  | 51,684    | 19,942  | -----     | -----    | 1,040     | -----   | -----     | 10,702  | -----     |
| 3318 FERROALLOYS-----                   | 171,402   | 8,421   | -----     | -----    | -----     | -----   | -----     | 155,696 | 7,285     |
| 3319 IRON AND STEEL PRODUCTS, NEC-----  | 77,061    | 12,897  | 7,958     | -----    | 4,690     | -----   | -----     | 14,816  | 36,700    |
| 3323 LEAD AND ZINC, UNWORKED-----       | 8,312     | -----   | -----     | -----    | -----     | -----   | -----     | 8,312   | -----     |
| 3324 ALUMINUM AND ALLOYS, UNWORKED----- | 7,444     | -----   | -----     | -----    | -----     | -----   | -----     | 7,444   | -----     |
| 3411 FABRICATED METAL PRODUCTS-----     | 4,286     | 3,546   | -----     | -----    | -----     | 400     | -----     | 300     | 40        |
| 3511 MACHINERY, EXCEPT ELECTRICAL-----  | 20,097    | 11,748  | -----     | -----    | 4,748     | -----   | -----     | 2,801   | 1,200     |
| 3711 MOTOR VEHICLES, PARTS, EQUIP-----  | 2,342     | -----   | -----     | -----    | 1,349     | -----   | -----     | 993     | -----     |
| 3731 SHIPS AND BOATS-----               | 210       | -----   | -----     | -----    | -----     | -----   | -----     | 130     | 84        |
| 4011 IRON AND STEEL SCRAP-----          | 722,589   | 33,895  | 24,925    | 11,730   | 129,628   | 1,395   | 14,000    | 145,535 | 361,472   |
| 4029 WASTE AND SCRAP, NEC-----          | 23,038    | -----   | -----     | -----    | 23,038    | -----   | -----     | -----   | -----     |
| 4112 COMMODITIES, NEC-----              | 1,552     | 750     | -----     | -----    | -----     | -----   | -----     | 802     | -----     |
| 4118 WATERWAY IMPROVEMENT MAT-----      | 1,350     | -----   | -----     | -----    | -----     | -----   | 1,350     | -----   | -----     |

TON-MILES, INTERNAL, 7,976,863,547.

TON-MILES, ALL TRAFFIC, 41,411,729.  
TON-MILES, ALL TRAFFIC, 7,985,056,941.

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**SECTION 2**  
**TRIPS AND DRAFTS OF VESSELS**

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## **VICKSBURG, MS, DISTRICT**

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## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY                      | DIRECTION    |                          |        |                    |                            | DIRECTION |                        |        |       |                            |       |       |
|---|--------------|--------------------------|--------|--------------------|----------------------------|-----------|------------------------|--------|-------|----------------------------|-------|-------|
|   | DRAFT (FEET) | SELF PROPELLED VESSELS   |        |                    | NON-SELF PROPELLED VESSELS | TOTAL     | SELF PROPELLED VESSELS |        |       | NON-SELF PROPELLED VESSELS | TOTAL |       |
|   |              | PASSENGER AND DRY CARGO  | TANKER | TOWBOAT OR TUGBOAT |                            |           | DRY CARGO              | TANKER |       |                            |       |       |
| OUACHITA AND BLACK RIVERS, ARK. AND LA. |              |                          |        |                    | UPBOUND                    |           |                        |        |       | DOWNBOUND                  |       |       |
| 9 -                                     |              |                          |        |                    | 111                        | 221       | 135                    | 61     |       | 108                        | 159   | 60    |
| 8 -                                     |              |                          |        |                    | 17                         | 41        | 23                     |        |       | 21                         | 24    | 24    |
| 7 -                                     |              |                          |        |                    | 120                        | 15        | 1                      | 237    | 101   | 115                        | 1     | 217   |
| 6 -                                     |              |                          |        |                    | 10                         | 2         |                        | 12     |       | 19                         |       | 20    |
| 5 -                                     |              |                          |        |                    | 27                         | 1         |                        | 20     |       | 26                         |       | 26    |
| 4 -                                     |              |                          |        |                    | 27                         |           | 15                     | 42     |       | 21                         | 2     | 25    |
| 3 -                                     |              |                          |        |                    | 1                          |           | 14                     | 15     |       | 1                          | 10    | 2     |
| 2 -                                     |              |                          |        |                    | 119                        | 56        |                        | 175    |       | 183                        | 156   | 341   |
| 1 -                                     |              |                          |        |                    | 14                         |           |                        | 14     |       | 34                         |       | 34    |
| AND LESS -                              |              |                          |        |                    | 2                          |           |                        | 2      |       | 4                          |       | 4     |
| TOTAL -                                 | -            | 101                      | 315    | 413                | 244                        | 1,073     | 101                    |        | 315   | 413                        | 245   | 1,074 |
| LITTLE RIVER, LA.                       |              |                          |        |                    | UPBOUND                    |           |                        |        |       | DOWNBOUND                  |       |       |
| 9 -                                     |              |                          |        |                    | 2                          |           | 96                     | 98     |       | 4                          |       | 4     |
| 8 -                                     |              |                          |        |                    | 4                          | 1         | 7                      | 12     |       | 8                          |       | 8     |
| 7 -                                     |              |                          |        |                    | 24                         |           |                        | 28     |       | 18                         |       | 18    |
| 6 -                                     |              |                          |        |                    | 5                          |           |                        | 5      |       | 5                          |       | 5     |
| 5 -                                     |              |                          |        |                    | 1                          |           |                        | 1      |       | 1                          |       | 1     |
| 4 -                                     |              |                          |        |                    | 1                          |           |                        | 1      |       | 2                          | 103   | 105   |
| 2 -                                     |              |                          |        |                    | 1                          |           |                        | 1      |       |                            |       |       |
| TOTAL -                                 | -            |                          | 35     | 2                  | 104                        | 141       |                        |        | 36    | 2                          | 103   | 141   |
| MOUTH OF YAZOO RIVER, MISS.             |              |                          |        |                    | UPBOUND                    |           |                        |        |       | DOWNBOUND                  |       |       |
| 9 -                                     |              |                          |        |                    | 23                         | 303       | 73                     | 309    |       | 27                         | 268   | 58    |
| 8 -                                     |              |                          |        |                    | 78                         | 31        | 12                     | 131    | 10    | 78                         | 65    | 106   |
| 7 -                                     |              |                          |        |                    | 82                         | 193       | 1                      | 276    |       | 89                         | 83    | 3     |
| 6 -                                     |              |                          |        |                    | 14                         | 5         | 2                      | 19     |       | 8                          | 5     | 14    |
| 5 -                                     |              |                          |        |                    | 42                         | 1         |                        | 43     |       | 38                         |       | 38    |
| 4 -                                     |              |                          |        |                    | 1                          | 1         |                        | 2      |       | 1                          |       | 1     |
| 3 -                                     |              |                          |        |                    | 1                          |           |                        | 1      |       |                            |       |       |
| 2 -                                     |              |                          |        |                    | 240                        | 127       |                        | 367    |       | 352                        | 77    | 429   |
| 1 -                                     |              |                          |        |                    | 4                          |           |                        | 4      |       | 10                         | 2     | 15    |
| AND LESS -                              |              |                          |        |                    | 1                          |           |                        | 1      |       |                            |       | 12    |
| TOTAL -                                 | -            | 10                       | 283    | 772                | 216                        | 1,281     | 10                     |        | 250   | 769                        | 248   | 1,277 |
| YAZOO RIVER, MISS.                      |              |                          |        |                    | UPBOUND                    |           |                        |        |       | DOWNBOUND                  |       |       |
| 10 -                                    |              |                          |        |                    | 25                         |           | 23                     |        |       | 5                          |       | 5     |
| 9 -                                     |              |                          |        |                    | 2                          | 17        | 5                      | 24     |       | 4                          | 5     | 9     |
| 8 -                                     |              |                          |        |                    | 80                         |           |                        | 80     |       | 2                          | 8     | 104   |
| 7 -                                     |              |                          |        |                    | 8                          |           |                        | 8      |       | 70                         |       | 119   |
| 6 -                                     |              |                          |        |                    | 48                         |           |                        | 48     |       | 48                         |       | 48    |
| 5 -                                     |              |                          |        |                    | 17                         | 103       |                        | 138    |       | 32                         | 4     | 36    |
| 2 -                                     |              |                          |        |                    | 4                          |           |                        | 4      |       | 10                         |       | 10    |
| AND LESS -                              |              |                          |        |                    | 1                          |           |                        | 1      |       |                            |       |       |
| TOTAL -                                 | -            |                          | 142    | 57                 | 106                        | 305       |                        |        | 138   | 46                         | 108   | 292   |
| RED RIVER BELOW FULTON, ARK.            |              |                          |        |                    | NORTHBOUND                 |           |                        |        |       | SOUTHBOUND                 |       |       |
| 9 -                                     |              |                          |        |                    | 488                        | 1,397     | 135                    | 2,020  |       | 516                        | 166   | 60    |
| 8 -                                     |              |                          |        |                    | 29                         | 453       | 23                     | 505    |       | 27                         | 11    | 24    |
| 7 -                                     |              |                          |        |                    | 799                        | 207       | 1                      | 1,007  |       | 783                        | 1     | 788   |
| 6 -                                     |              |                          |        |                    | 24                         | 23        |                        | 47     |       | 28                         | 2     | 1     |
| 5 -                                     |              |                          |        |                    | 32                         |           |                        | 32     |       | 23                         | 1     | 24    |
| 4 -                                     |              |                          |        |                    | 1                          | 1         | 15                     | 17     |       | 1                          | 85    | 45    |
| 3 -                                     |              |                          |        |                    | 1                          |           | 14                     | 15     |       | 1                          | 586   | 2     |
| 2 -                                     |              |                          |        |                    | 120                        | 56        |                        | 180    |       | 1                          | 1,351 | 158   |
| 1 -                                     |              |                          |        |                    | 2                          |           |                        | 2      |       | 2                          | 36    | 36    |
| AND LESS -                              |              |                          |        |                    | 1                          |           |                        | 1      |       |                            |       | 2     |
| TOTAL -                                 | -            |                          | 1,376  | 2,205              | 244                        | 3,825     |                        |        | 1,381 | 2,199                      | 245   | 3,825 |
| BIG SUNFLOWER RIVER, MISS.              |              | NO VESSEL TRIPS REPORTED |        |                    |                            |           |                        |        |       |                            |       |       |
| BOEUF RIVER, LA.                        |              | NO VESSEL TRIPS REPORTED |        |                    |                            |           |                        |        |       |                            |       |       |
| PEARL RIVER, MISS. AND LA.              |              |                          |        |                    | UPBOUND                    |           |                        |        |       | DOWNBOUND                  |       |       |
| TOTAL, 6 AND LESS -                     | -            | 3                        |        |                    | 1                          |           |                        | 3      |       | 2                          |       | 2     |
| TENSAS RIVER AND RAYOU MACON, LA.       |              |                          |        |                    | UPBOUND                    |           |                        |        |       | DOWNBOUND                  |       |       |
| TOTAL, 9 AND LESS -                     | -            |                          |        |                    | 1                          |           |                        | 1      |       | 1                          |       | 1     |

*Waterborne Commerce of the United States. 1987*  
**MEMPHIS, TN, DISTRICT**

## **TRIPS AND DRAFFTS OF VESSELS**

## **ST. LOUIS, MO, DISTRICT**

## **TRIPS AND DRAFTS OF VESSELS**

## **ST. PAUL, MN, DISTRICT**

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## **TRIPS AND DRAFFTS OF VESSELS**

| HARBOR OR WATERWAY              |   | DIRECTION               |        |                    |                            |        | DIRECTION |                         |        |                    |           |
|---------------------------------|---|-------------------------|--------|--------------------|----------------------------|--------|-----------|-------------------------|--------|--------------------|-----------|
| DRAFT (FEET)                    |   | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS  |        |                    | TOTAL     |
|                                 |   | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |           |
| MINNESOTA RIVER, MINN.          |   |                         |        |                    | UPBOUND                    |        |           |                         |        |                    | DOWNBOUND |
| 9 -                             |   |                         |        |                    | 1                          | 220    | 38        | 255                     |        |                    | 1,534     |
| 8 -                             |   |                         |        |                    | 11                         | 10     |           | 21                      |        |                    | 73        |
| 7 -                             |   |                         |        |                    | 2                          | 2      |           | 4                       |        |                    | 4         |
| 6 -                             |   |                         |        |                    | 4                          |        |           | 4                       |        |                    | 6         |
| 5 -                             |   |                         |        |                    |                            | 1      |           | 1                       |        |                    | 2         |
| 2 -                             |   |                         |        |                    | 1                          | 1,449  | 11        | 1,461                   |        |                    | 83        |
| 1 -                             |   |                         |        |                    |                            | 11     | 3         | 14                      |        |                    | 6         |
| TOTAL -                         | - | -                       | -      | -                  | 19                         | 1,693  | 48        | 1,740                   |        |                    | 1,702     |
| BLACK RIVER, WIS.               |   |                         |        |                    | UPBOUND                    |        |           |                         |        |                    | DOWNBOUND |
| TOTAL, 9 AND LESS               | - | -                       | -      | -                  | 11                         | 19     | 76        | 106                     |        |                    | 8         |
| ST. CROIX RIVER, WIS. AND MINN. |   |                         |        |                    | UPBOUND                    |        |           |                         |        |                    | DOWNBOUND |
| TOTAL, 9 AND LESS               | - | -                       | -      | -                  | 2                          | 14     |           | 16                      |        |                    | 14        |

## **LITTLE ROCK, AR, DISTRICT**

## TRIPS AND DRAFTS OF VESSELS

*Waterborne Commerce of the United States, 1987*  
**ROCK ISLAND, IL, DISTRICT**

TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY                           | DIRECTION              |                    |           |                            |        | TOTAL  | DIRECTION               |                        |           |                            |        |  |
|--|------------------------|--------------------|-----------|----------------------------|--------|--------|-------------------------|------------------------|-----------|----------------------------|--------|--|
|  | SELF PROPELLED VESSELS |                    |           | NON-SELF PROPELLED VESSELS |        |        | PASSENGER AND DRY CARGO | SELF PROPELLED VESSELS |           | NON-SELF PROPELLED VESSELS |        |  |
|  | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO | TANKER                     | TANKER |        | TANKER                  | TANKER                 | DRY CARGO | TANKER                     |        |  |
| <b>ILLINOIS RIVER, ILL.</b>                  |                        |                    |           |                            |        |        |                         |                        |           |                            |        |  |
| 9 -  | 1                      | 1,259              | 6,451     | 2,056                      | 9,767  | 1      | 1,286                   | 9,214                  | 883       | 11,386                     |        |  |
| 6 -  |                        | 665                | 1,923     | 327                        | 2,915  |        | 666                     | 3,011                  | 121       | 3,790                      |        |  |
| 7 -  |                        | 666                | 95        | 42                         | 603    |        | 674                     | 96                     | 21        | 789                        |        |  |
| 6 -  | 3                      | 303                | 62        | 37                         | 405    | 3      | 303                     | 53                     | 26        | 303                        |        |  |
| 5 -  |                        | 125                | 36        | 7                          | 168    |        | 125                     | 38                     | 5         | 166                        |        |  |
| 4 -  |                        |                    | 24        | 3                          | 27     |        |                         | 23                     | 39        | 62                         |        |  |
| 3 -  |                        |                    | 15        | 1                          | 16     |        |                         | 14                     | 160       | 174                        |        |  |
| 2 -  | 1                      | 18                 | 8,685     | 660                        | 9,364  | 1      | 18                      | 4,051                  | 1,823     | 6,693                      |        |  |
| 1 -  |                        | 11                 | 208       | 16                         | 235    |        | 9                       | 206                    | 75        | 290                        |        |  |
| TOTAL -                                      | - - - - -              | 5                  | 3,047     | 17,499                     | 3,149  | 23,700 | 5                       | 3,041                  | 17,500    | 3,151                      | 23,697 |  |
| <b>CHICAGO SANITARY AND SHIP CANAL, ILL.</b> |                        |                    |           |                            |        |        |                         |                        |           |                            |        |  |
| TOTAL, 12 AND LESS -                         | - - - - -              | 12                 | 2,202     | 7,382                      | 2,185  | 11,711 | 11                      | 2,201                  | 7,313     | 2,185                      | 11,710 |  |
| <b>CALUMET-SAG CHANNEL, ILL.</b>             |                        |                    |           |                            |        |        |                         |                        |           |                            |        |  |
| 9 -  |                        | 234                | 1,691     | 304                        | 2,229  | 3      | 212                     | 901                    | 497       | 1,573                      |        |  |
| 8 -  | 4                      | 192                | 89        | 116                        | 401    |        | 193                     | 103                    | 14        | 310                        |        |  |
| 7 -  |                        | 134                | 27        | 6                          | 167    | 4      | 130                     | 38                     | 13        | 185                        |        |  |
| 6 -  | 7                      | 31                 | 24        | 2                          | 64     | 4      | 56                      | 13                     | 11        | 84                         |        |  |
| 5 -  |                        |                    | 8         | 8                          |        |        |                         | 5                      | 6         | 11                         |        |  |
| 4 -  |                        |                    | 22        | 2                          | 24     |        |                         | 2                      | 1         | 3                          |        |  |
| 3 -  |                        |                    | 3         | 28                         | 31     |        |                         | 1                      | 3         | 4                          |        |  |
| 2 -  |                        |                    | 336       | 416                        | 752    |        |                         | 1,111                  | 380       | 1,491                      |        |  |
| 1 -  |                        |                    | 15        | 24                         | 39     |        |                         | 41                     | 12        | 58                         |        |  |
| TOTAL -                                      | - - - - -              | 11                 | 591       | 2,215                      | 898    | 3,715  | 11                      | 591                    | 2,215     | 897                        | 3,714  |  |

## **MISSOURI RIVER DIVISION**

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## **TRIPS AND DRAFTS OF VESSELS**

| HARBOR OR WATERWAY  |   | DIRECTION               |        |                    |                            |        | DIRECTION |                         |        |                    |       |        |
|---|---|-------------------------|--------|--------------------|----------------------------|--------|-----------|-------------------------|--------|--------------------|-------|--------|
| DRAFT (FEET)  |   | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS  |        |                    | TOTAL |        |
|   |   | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |       |        |
| <b>MISSOURI RIVER, FORT BENTON, MONT., TO THE MOUTH (CONSOLIDATED REPORT)</b> |   |                         |        |                    | <b>UPBOUND</b>             |        |           |                         |        | <b>DOWNBOUND</b>   |       |        |
| 9 -   | - | 54                      |        | 300                | 376                        | 148    | 878       |                         | 165    | 477                | 39    | 601    |
| 8 -   | - |                         |        | 118                | 668                        | 43     | 829       |                         | 122    | 803                | 45    | 970    |
| 7 -   | - |                         |        | 410                | 2,080                      | 2      | 2,092     |                         | 268    | 3,243              |       | 3,511  |
| 6 -   | - |                         |        | 5,079              | 321                        |        | 5,400     |                         | 2,918  | 383                |       | 3,301  |
| 5 -   | - | 1,154                   |        | 7,432              | 942                        |        | 9,528     |                         | 6,213  | 910                |       | 7,123  |
| 4 -   | - |                         |        | 2,799              | 233                        |        | 3,032     |                         | 2,293  | 439                |       | 2,732  |
| 3 -   | - | 453                     |        | 166                | 23                         |        | 642       | 413                     | 166    | 218                | 3     | 800    |
| 2 -   | - |                         |        | 423                | 2,255                      | 67     | 2,745     |                         | 141    | 4,520              | 132   | 4,793  |
| 1 -   | - |                         |        | 1                  | 1,208                      |        | 1,209     |                         | 2,809  | 35                 |       | 2,844  |
| <b>TOTAL= - - - - -</b>   |   | 1,661                   |        | 16,728             | 8,106                      | 260    | 26,755    | 413                     | 12,286 | 13,802             | 254   | 26,756 |
| <b>MISSOURI RIVER, KANSAS CITY TO THE MOUTH</b>                               |   |                         |        |                    | <b>UPBOUND</b>             |        |           |                         |        | <b>DOWNBOUND</b>   |       |        |
| 8 -   | - | 54                      |        | 390                | 1,040                      | 179    | 1,663     |                         | 253    | 1,196              | 60    | 1,509  |
| 7 -   | - |                         |        | 403                | 2,075                      | 2      | 2,480     |                         | 252    | 2,731              |       | 2,983  |
| 6 -   | - |                         |        | 4,957              | 315                        |        | 5,272     |                         | 4,368  | 269                |       | 4,637  |
| 5 -   | - | 1,154                   |        | 6,546              | 917                        |        | 8,617     |                         | 5,469  | 1,101              |       | 6,570  |
| 4 -   | - |                         |        | 2,769              | 207                        |        | 2,976     |                         | 3,957  | 266                |       | 4,223  |
| 3 -   | - |                         |        | 155                | 23                         |        | 178       |                         | 155    | 18                 | 3     | 176    |
| 2 -   | - |                         |        | 423                | 2,172                      | 34     | 2,629     |                         | 141    | 2,381              | 110   | 2,632  |
| 1 -   | - |                         |        |                    | 235                        |        | 235       |                         | 1,285  | 35                 |       | 1,320  |
| <b>TOTAL= - - - - -</b>   |   | 1,209                   |        | 15,643             | 6,984                      | 215    | 24,050    |                         | 14,595 | 9,247              | 208   | 24,050 |
| <b>MISSOURI RIVER, OMAHA TO KANSAS CITY</b>                                   |   |                         |        |                    | <b>UPBOUND</b>             |        |           |                         |        | <b>DOWNBOUND</b>   |       |        |
| 9 -   | - |                         |        | 26                 | 142                        | 69     | 237       |                         | 21     | 130                | 36    | 187    |
| 8 -   | - |                         |        | 28                 | 76                         | 30     | 136       |                         | 38     | 259                | 44    | 341    |
| 7 -   | - |                         |        | 18                 | 50                         |        | 68        |                         | 23     | 512                |       | 535    |
| 6 -   | - |                         |        | 147                | 9                          |        | 156       |                         | 122    | 19                 |       | 141    |
| 5 -   | - |                         |        | 890                | 26                         |        | 916       |                         | 888    | 309                |       | 1,197  |
| 4 -   | - |                         |        | 26                 | 10                         |        | 36        |                         | 26     | 117                |       | 143    |
| 3 -   | - | 453                     |        | 11                 |                            |        | 464       | 413                     | 11     | 4                  |       | 428    |
| 2 -   | - |                         |        |                    | 647                        | 63     | 710       |                         | 216    | 67                 |       | 283    |
| 1 -   | - |                         |        | 1                  | 537                        |        | 538       |                         |        | 8                  |       | 8      |
| <b>TOTAL= - - - - -</b>   |   | 453                     |        | 1,147              | 1,499                      | 162    | 3,261     | 413                     | 1,129  | 1,566              | 155   | 3,263  |
| <b>MISSOURI RIVER, SIDUX CITY TO OMAHA</b>                                    |   |                         |        |                    | <b>UPBOUND</b>             |        |           |                         |        | <b>DOWNBOUND</b>   |       |        |
| 13 -  | - |                         |        |                    |                            | 6      | 6         |                         |        |                    |       |        |
| 12 -  | - |                         |        |                    |                            | 2      | 2         |                         |        |                    |       |        |
| 10 -  | - |                         |        | 2                  | 1                          |        | 3         |                         |        |                    |       |        |
| 9 -   | - |                         |        | 3                  | 38                         | 20     | 61        |                         | 5      | 19                 | 29    | 53     |
| 8 -   | - |                         |        | 4                  | 38                         | 6      | 48        |                         | 5      | 89                 | 15    | 109    |
| 7 -   | - |                         |        | 3                  |                            |        | 3         |                         | 1      | 1                  |       | 2      |
| 6 -   | - |                         |        | 41                 |                            |        | 41        |                         | 50     |                    |       | 50     |
| 5 -   | - |                         |        | 6                  | 24                         |        | 30        |                         | 12     | 63                 |       | 75     |
| 4 -   | - |                         |        |                    | 77                         | 33     | 110       |                         | 88     | 24                 |       | 112    |
| 3 -   | - |                         |        | 1                  | 40                         |        | 41        |                         | 24     | 4                  |       | 28     |
| <b>TOTAL= - - - - -</b>   |   |                         |        | 60                 | 218                        | 67     | 345       |                         | 73     | 284                | 72    | 429    |

*Waterborne Commerce of the United States. 1987*  
**NASHVILLE, TN, DISTRICT**

## **TRIPS AND DRAFTS OF VESSELS**

## **LOUISVILLE, KY, DISTRICT**

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## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY           |                         | DIRECTION |                    |                            |        |       | DIRECTION               |        |                    |                            |        |       |
|------------------------------|-------------------------|-----------|--------------------|----------------------------|--------|-------|-------------------------|--------|--------------------|----------------------------|--------|-------|
| DRAFT (FEET)                 | SELF PROPELLED VESSELS  |           |                    | NON-SELF PROPELLED VESSELS |        | TOTAL | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |        | TOTAL |
|                              | PASSENGER AND DRY CARGO | TANKER    | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |       | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |       |
| GREEN AND BARREN RIVERS, KY. |                         |           |                    |                            |        |       |                         |        |                    |                            |        |       |
| 9 -                          |                         |           |                    | 571                        | 369    | 940   |                         |        |                    | 599                        | 5,800  | 6,899 |
| 8 -                          |                         |           |                    | 329                        | 3      | 332   |                         |        |                    | 288                        | 188    | 476   |
| 7 -                          |                         |           |                    | 143                        | 2      | 145   |                         |        |                    | 141                        | 6      | 147   |
| 6 -                          |                         |           |                    | 2                          |        | 2     |                         |        |                    | 2                          |        | 2     |
| 5 -                          |                         |           |                    |                            | 1      | 5     |                         |        |                    |                            |        | 4     |
| 3 -                          |                         |           |                    |                            | 1      |       |                         |        |                    |                            |        |       |
| 2 -                          |                         |           |                    | 5,278                      |        | 5,278 |                         |        |                    | 97                         |        | 97    |
| 1 -                          |                         |           |                    | 174                        | 1      | 175   |                         |        |                    | 53                         |        | 53    |
| TOTAL -                      | -                       | -         | -                  | 6,878                      |        | 6,878 |                         |        |                    | 5,844                      |        | 6,878 |
| KENTUCKY RIVER, KY.          |                         |           |                    |                            |        |       |                         |        |                    |                            |        |       |
| TOTAL, 7 AND LESS -          | -                       | -         | -                  | 50                         | 134    | 215   |                         |        |                    | 50                         | 134    | 216   |

## **HUNTINGTON, WV, DISTRICT**

## **TRIPS AND DRAFTS OF VESSELS**

| HARBOR OR WATERWAY                                    |   | DIRECTION               |        |                    |                            |        | DIRECTION |                         |        |                    |        |
|---|---|-------------------------|--------|--------------------|----------------------------|--------|-----------|-------------------------|--------|--------------------|--------|
| DRAFT (FEET)  |   | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS  |        |                    | TOTAL  |
|   |   | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |        |
| BIG SANDY RIVER, TUG AND LEVISA FORKS, KY. AND W. VA. |   |                         |        |                    | UPBOUND                    |        |           |                         |        | DOWNBOUND          |        |
| 9   | - |                         |        |                    | 323                        | 77     | 792       | 1                       |        | 339                | 3,923  |
| 8   | - |                         |        |                    | 138                        | 14     | 272       |                         |        | 136                | 527    |
| 7   | - |                         |        |                    | 68                         | 8      | 132       |                         |        | 69                 | 27     |
| 6   | - |                         |        |                    | 495                        | 2      | 508       |                         |        | 495                | 1      |
| 5   | - |                         |        |                    | 44                         | 10     | 54        | 1                       |        | 38                 | 49     |
| 4   | - |                         |        |                    | 1,477                      | 4      | 1,481     |                         |        | 1,477              | 51     |
| 3   | - |                         |        |                    |                            | 21     | 21        |                         |        |                    | 33     |
| 2   | - |                         |        |                    | 45                         | 659    | 4,456     |                         |        | 60                 | 85     |
| 1   | - |                         |        |                    | 5                          | 98     | 291       |                         |        | 46                 | 112    |
| TOTAL   | - | 2                       | 2,595  | 4,265              | 1,145                      | 8,007  | 2         | 2,618                   | 4,279  | 1,107              | 8,006  |
| KANAWHA RIVER, W. VA.                                 |   |                         |        |                    | UPBOUND                    |        |           |                         |        | DOWNBOUND          |        |
| 9   | - |                         |        |                    | 1,952                      | 1,773  | 483       | 4,168                   |        | 1,960              | 10,202 |
| 8   | - |                         |        |                    | 508                        | 107    | 217       | 836                     |        | 502                | 459    |
| 7   | - |                         |        |                    | 96                         | 126    | 180       | 402                     |        | 103                | 17     |
| 6   | - |                         |        |                    | 342                        | 22     | 120       | 484                     |        | 325                | 5      |
| 5   | - |                         |        |                    | 43                         | 1      | 48        | 88                      | 3      | 46                 | 20     |
| 4   | - |                         |        |                    | 199                        | 1      | 29        | 229                     |        | 195                | 2      |
| 3   | - |                         |        |                    | 1                          | 48     | 27        | 76                      |        | 2                  | 13     |
| 2   | - |                         |        |                    | 136                        | 9,446  | 53        | 9,635                   |        | 120                | 480    |
| 1   | - |                         |        |                    | 177                        | 250    | 22        | 689                     |        | 146                | 114    |
| AND LESS  | - |                         |        |                    | 5                          |        | 5         |                         |        | 7                  | 7      |
| TOTAL   | - | 4                       | 3,459  | 11,774             | 1,135                      | 16,372 | 3         | 3,420                   | 11,838 | 1,114              | 16,371 |
| LITTLE KANAWHA RIVER, W. VA.                          |   |                         |        |                    | UPBOUND                    |        |           |                         |        | DOWNBOUND          |        |
| 10  | - |                         |        |                    | 1                          | 8      | 3         | 32                      |        | 1                  | 1      |
| 9   | - |                         |        |                    |                            | 237    | 22        | 259                     |        |                    | 2      |
| 8   | - |                         |        |                    | 84                         | 117    | 38        | 195                     |        | 84                 | 1      |
| 7   | - |                         |        |                    | 1                          | 102    | 25        | 128                     |        | 9                  | 9      |
| 6   | - |                         |        |                    | 256                        | 156    | 21        | 433                     |        | 247                | 247    |
| 5   | - |                         |        |                    | 20                         | 55     | 2         | 77                      |        | 20                 | 1      |
| 4   | - |                         |        |                    | 1                          | 10     |           | 11                      |        | 1                  | 1      |
| 2   | - |                         |        |                    |                            | 13     | 2         | 15                      |        | 454                | 497    |
| 1   | - |                         |        |                    |                            |        |           |                         |        | 239                | 300    |
| TOTAL   | - |                         | 323    | 698                | 109                        | 1,130  |           | 322                     | 694    | 108                | 1,124  |
| MUSKINGUM RIVER, OHIO                                 |   |                         |        |                    | UPBOUND                    |        |           |                         |        | DOWNBOUND          |        |
| TOTAL, 6 AND LESS                                     | - |                         | 4      |                    |                            | 4      |           | 4                       |        |                    | 4      |

*Waterborne Commerce of the United States, 1987*  
**PITTSBURGH, PA., DISTRICT**

## **TRIPS AND DRAFTS OF VESSELS**

## **OHIO RIVER DIVISION**

## TRIPS AND DRAFFTS OF VESSELS

| HARBOR OR WATERWAY |   | DIRECTION               |        |                    |                            |         | DIRECTION |                         |         |                    |         |
|--------------------|---|-------------------------|--------|--------------------|----------------------------|---------|-----------|-------------------------|---------|--------------------|---------|
| DRAFT (FEET)       |   | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |         | TOTAL     | SELF PROPELLED VESSELS  |         |                    | TOTAL   |
|                    |   | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER  |           | PASSENGER AND DRY CARGO | TANKER  | TOWBOAT OR TUGBOAT |         |
| OHIO RIVER         |   |                         |        |                    | UP BOUND                   |         |           |                         |         | DOWN BOUND         |         |
| 9 -                | - | 103                     | 8,506  | 46,409             | 6,451                      | 61,469  | 105       | 7,981                   | 65,777  | 3,082              | 76,945  |
| 8 -                | - | 41                      | 4,746  | 2,884              | 1,287                      | 8,958   | 41        | 6,237                   | 6,198   | 857                | 11,733  |
| 7 -                | - | 319                     | 4,312  | 3,169              | 605                        | 8,405   | 318       | 6,290                   | 2,942   | 407                | 7,957   |
| 6 -                | - | 1,157                   | 4,222  | 1,072              | 317                        | 6,768   | 1,164     | 6,039                   | 1,500   | 170                | 6,882   |
| 5 -                | - | 1,602                   | 5,386  | 240                | 135                        | 7,323   | 1,586     | 6,733                   | 320     | 84                 | 6,727   |
| 4 -                | - | 270                     | 2,652  | 788                | 70                         | 3,776   | 269       | 2,655                   | 788     | 107                | 3,820   |
| 3 -                | - |                         | 1,830  | 1,083              | 300                        | 3,213   |           | 1,684                   | 1,012   | 293                | 2,789   |
| 2 -                | - | 343                     | 406    | 66,975             | 2,108                      | 67,834  | 136       | 244                     | 30,653  | 5,733              | 45,766  |
| 1 -                | - |                         | 132    | 2,866              | 1,169                      | 4,167   |           | 289                     | 1,111   | 1,896              | 2,896   |
| AND LESS           | - |                         | 14     | 24                 |                            | 38      |           | 19                      | 23      |                    | 42      |
| TOTAL              | - | 3,835                   | 32,168 | 123,506            | 12,442                     | 171,051 | 3,619     | 30,371                  | 119,325 | 12,282             | 165,957 |

# GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FL, AND THE MEXICAN BORDER

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## TRIPS AND DRAFFTS OF VESSELS

| HARBOR OR WATERWAY   |                         | DIRECTION              |                    |           |                            |                         |        | DIRECTION              |           |        |                            |        |           |  |
|--|-------------------------|------------------------|--------------------|-----------|----------------------------|-------------------------|--------|------------------------|-----------|--------|----------------------------|--------|-----------|--|
|  |                         | SELF PROPELLED VESSELS |                    |           | NON-SELF PROPELLED VESSELS |                         | TOTAL  | SELF PROPELLED VESSELS |           |        | NON-SELF PROPELLED VESSELS |        | TOTAL     |  |
| DRAFT (FEET)   | PASSENGER AND DRY CARGO | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO | TANKER                     | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT     | DRY CARGO | TANKER |                            |        |           |  |
| GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER (CONSOLIDATED REPORT) |                         |                        |                    |           |                            | EASTBOUND               |        |                        |           |        |                            |        | WESTBOUND |  |
| 12   | 1,060                   | 10                     | 1,000              | 76        | 553                        | 2,699                   | 1,501  | 26                     | 1,646     | 86     | 895                        | 3,754  |           |  |
| 11   | 1,031                   | 3                      | 563                | 208       | 1,265                      | 3,070                   | 396    | 3                      | 968       | 29     | 949                        | 2,345  |           |  |
| 10   | 185                     |                        | 1,390              | 911       | 4,212                      | 6,698                   | 307    |                        | 1,610     | 498    | 3,750                      | 5,973  |           |  |
| 9  | 543                     | 2                      | 4,952              | 8,634     | 8,460                      | 22,591                  | 438    | 3                      | 4,972     | 3,905  | 6,874                      | 16,192 |           |  |
| 8  | 789                     | 1                      | 5,299              | 1,148     | 1,798                      | 9,035                   | 787    | 2                      | 5,484     | 986    | 1,871                      | 9,050  |           |  |
| 7  | 1,730                   |                        | 6,919              | 384       | 1,380                      | 10,422                  | 1,858  |                        | 6,645     | 611    | 970                        | 10,093 |           |  |
| 6 AND LESS   | 2,255                   |                        | 8,847              | 6,466     | 16,021                     | 33,589                  | 2,192  |                        | 9,590     | 10,327 | 18,589                     | 40,698 |           |  |
| TOTAL  | 7,602                   | 16                     | 28,970             | 17,827    | 33,689                     | 88,104                  | 7,439  | 34                     | 30,675    | 16,842 | 33,515                     | 88,105 |           |  |
| GULF INTRACOASTAL WATERWAY, APALACHEE BAY TO PANAMA CITY, FLA.                                       |                         |                        |                    |           |                            | EASTBOUND               |        |                        |           |        |                            |        | WESTBOUND |  |
| 11   |                         | 6                      | 38                 | 6         | 190                        | 240                     |        |                        | 35        | 1      | 27                         | 63     |           |  |
| 10   |                         |                        | 89                 | 21        | 51                         | 161                     |        |                        | 79        | 1      |                            | 80     |           |  |
| 9  |                         |                        | 418                | 464       | 197                        | 1,079                   |        |                        | 417       | 528    | 1                          | 946    |           |  |
| 8  |                         |                        | 1                  | 192       | 27                         | 285                     |        | 1                      | 2         | 198    | 20                         | 1      | 222       |  |
| 7  |                         |                        | 170                | 23        | 21                         | 214                     |        |                        | 158       | 3      | 1                          | 162    |           |  |
| 6 AND LESS   |                         | 1                      | 197                | 35        | 51                         | 284                     |        |                        | 196       | 117    | 477                        | 790    |           |  |
| TOTAL  | 7                       | 1                      | 1,104              | 576       | 575                        | 2,263                   |        | 1                      | 2         | 1,083  | 670                        | 507    | 2,263     |  |
| GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY, FLA.                                       |                         |                        |                    |           |                            | EASTBOUND               |        |                        |           |        |                            |        | WESTBOUND |  |
| 11   | 207                     |                        | 38                 | 9         | 327                        | 581                     | 115    |                        | 35        | 1      | 40                         | 191    |           |  |
| 10   |                         |                        | 142                | 189       | 249                        | 580                     | 86     |                        | 123       | 6      | 27                         | 242    |           |  |
| 9  |                         |                        | 506                | 934       | 363                        | 1,803                   |        |                        | 1,123     | 58     | 12                         | 1,193  |           |  |
| 8  |                         |                        | 1                  | 350       | 117                        | 98                      | 570    | 1                      | 2         | 300    | 62                         | 16     | 381       |  |
| 7  |                         |                        | 394                | 46        | 36                         | 476                     |        |                        | 360       | 76     | 8                          | 444    |           |  |
| 6 AND LESS   | 552                     |                        | 279                | 169       | 93                         | 1,093                   | 551    |                        | 280       | 941    | 880                        | 2,692  |           |  |
| TOTAL  | 759                     | 1                      | 1,713              | 1,464     | 1,166                      | 5,103                   | 753    | 2                      | 2,221     | 1,144  | 983                        | 5,103  |           |  |
| GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO MOBILE BAY, ALA.                                 |                         |                        |                    |           |                            | EASTBOUND               |        |                        |           |        |                            |        | WESTBOUND |  |
| 12   |                         | 6                      | 18                 | 12        | 6                          | 42                      |        |                        | 17        | 1      |                            | 18     |           |  |
| 11   |                         |                        | 20                 | 162       | 340                        | 522                     |        |                        | 18        |        | 41                         | 59     |           |  |
| 10   |                         |                        | 168                | 321       | 279                        | 768                     |        |                        | 149       | 7      | 21                         | 177    |           |  |
| 9  |                         |                        | 536                | 1,993     | 500                        | 3,029                   |        |                        | 529       | 937    | 70                         | 1,536  |           |  |
| 8  |                         |                        | 1                  | 539       | 144                        | 134                     | 818    | 1                      | 2         | 413    | 77                         | 28     | 521       |  |
| 7  |                         |                        | 774                | 63        | 98                         | 935                     | 1      |                        | 597       | 79     | 10                         | 687    |           |  |
| 6 AND LESS   | 163                     |                        | 307                | 282       | 157                        | 909                     | 162    |                        | 303       | 2,358  | 1,201                      | 4,024  |           |  |
| TOTAL  | 169                     | 1                      | 2,362              | 2,977     | 1,514                      | 7,023                   | 164    | 2                      | 2,026     | 3,459  | 1,371                      | 7,022  |           |  |
| GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.                                    |                         |                        |                    |           |                            | EASTBOUND               |        |                        |           |        |                            |        | WESTBOUND |  |
| 11   |                         | 7                      | 70                 | 188       | 516                        | 781                     | 3      |                        | 70        | 5      | 290                        | 368    |           |  |
| 10   |                         |                        | 319                | 365       | 689                        | 1,373                   |        |                        | 311       | 74     | 454                        | 839    |           |  |
| 9  |                         |                        | 1,048              | 3,440     | 1,175                      | 5,713                   |        |                        | 1,028     | 1,790  | 967                        | 3,789  |           |  |
| 8  |                         |                        | 1,260              | 259       | 226                        | 1,747                   | 1      | 2                      | 1,088     | 174    | 156                        | 1,421  |           |  |
| 7  |                         |                        | 1,351              | 71        | 348                        | 1,771                   |        |                        | 1,244     | 112    | 193                        | 1,549  |           |  |
| 6 AND LESS   |                         | 1                      | 668                | 1,298     | 1,470                      | 3,446                   | 14     |                        | 702       | 3,858  | 2,290                      | 6,664  |           |  |
| TOTAL  | 10                      | 1                      | 4,766              | 5,621     | 4,433                      | 14,831                  | 18     | 2                      | 4,443     | 6,017  | 4,350                      | 14,830 |           |  |
| GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.                            |                         |                        |                    |           |                            | EASTBOUND               |        |                        |           |        |                            |        | WESTBOUND |  |
| 12   | 805                     | 1                      | 66                 | 61        | 462                        | 1,395                   | 1,333  | 1                      | 57        | 82     | 397                        | 1,870  |           |  |
| 11   | 912                     | 3                      | 98                 | 24        | 726                        | 1,763                   | 338    | 3                      | 92        | 27     | 713                        | 1,173  |           |  |
| 10   |                         |                        | 848                | 394       | 2,357                      | 3,709                   | 149    |                        | 779       | 209    | 2,555                      | 3,692  |           |  |
| 9  | 527                     | 1                      | 2,439              | 3,521     | 5,456                      | 11,944                  | 437    | 1                      | 2,394     | 2,835  | 3,324                      | 8,991  |           |  |
| 8  | 342                     |                        | 2,358              | 809       | 1,340                      | 4,849                   | 421    |                        | 2,429     | 811    | 1,157                      | 4,810  |           |  |
| 7  | 1,375                   |                        | 3,066              | 167       | 451                        | 5,459                   | 1,079  |                        | 2,977     | 507    | 449                        | 5,412  |           |  |
| 6 AND LESS   | 1,034                   |                        | 6,856              | 4,263     | 9,228                      | 21,381                  | 1,191  |                        | 7,346     | 4,903  | 11,103                     | 26,543 |           |  |
| TOTAL  | 5,105                   | 5                      | 15,731             | 9,239     | 20,420                     | 50,500                  | 5,348  | 5                      | 16,078    | 9,374  | 19,698                     | 50,899 |           |  |
| GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEX.  |                         |                        |                    |           |                            | EASTBOUND               |        |                        |           |        |                            |        | WESTBOUND |  |
| 12   |                         | 9                      | 914                | 4         | 192                        | 1,119                   | 3      | 19                     | 1,566     | 46     | 270                        | 1,900  |           |  |
| 11   |                         | 467                    | 5                  | 489       | 961                        |                         |        |                        | 587       | 16     | 583                        | 1,486  |           |  |
| 10   |                         | 631                    | 191                | 1,906     | 2,728                      | 1                       |        |                        | 665       | 107    | 2,423                      | 3,196  |           |  |
| 9  |                         | 2,048                  | 1,518              | 4,400     | 8,368                      |                         | 2      | 2,116                  | 1,578     | 3,856  | 7,552                      |        |           |  |
| 8  | 3,010                   | 29                     | 198                | 900       | 4,137                      | 28                      |        | 2,273                  | 334       | 961    | 3,596                      |        |           |  |
| 7  | 1,963                   | 70                     | 500                | 2,533     |                            |                         | 2,078  | 97                     | 503       | 2,674  |                            |        |           |  |
| 6 AND LESS   | 3                       | 1,211                  | 1,329              | 7,233     | 9,775                      | 1                       | 1,313  | 1,316                  | 6,583     | 9,213  |                            |        |           |  |
| TOTAL  | 32                      | 11                     | 10,244             | 3,314     | 16,020                     | 29,621                  | 33     | 21                     | 10,894    | 3,498  | 15,179                     | 29,621 |           |  |
| GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.  |                         |                        |                    |           |                            | EASTBOUND               |        |                        |           |        |                            |        | WESTBOUND |  |
| 12   | 47                      |                        | 2                  | 82        | 142                        |                         | 47     | 7                      | 10        | 5      | 44                         | 113    |           |  |
| 11   | 119                     | 46                     | 6                  | 148       | 319                        |                         | 58     |                        | 51        | 4      | 40                         | 153    |           |  |
| 10   |                         | 75                     | 230                | 189       | 1,318                      | 1,811                   | 72     |                        | 210       | 243    | 706                        | 1,237  |           |  |

*Waterborne Commerce of the United States. 1987*

## **TRIPS AND DRAFTS OF VESSELS**

## **JACKSONVILLE, FL, DISTRICT**

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## **TRIPS AND DRAFTS OF VESSELS**

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY   | DIRECTION                     |        |                          |                            |        | DIRECTION                |                               |        |                          |           |
|--|-------------------------------|--------|--------------------------|----------------------------|--------|--------------------------|-------------------------------|--------|--------------------------|-----------|
|  | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS |        | TOTAL                    | SELF PROPELLED VESSELS        |        |                          | TOTAL     |
|  | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO                  | TANKER |                          | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT |           |
| PONCE HARBOR, P. R.  |                               |        |                          |                            |        | INBOUND                  |                               |        |                          | OUTBOUND  |
| 35 -   | 2                             |        |                          |                            |        |                          | 2                             |        |                          |           |
| 34 -   | 2                             |        |                          |                            |        |                          | 2                             | 1      |                          | 1         |
| 33 -   | 8                             |        |                          |                            |        |                          | 6                             | 2      | 1                        | 5         |
| 32 -   |                               |        |                          |                            |        |                          | 11                            |        |                          |           |
| 31 -   | 11                            |        |                          |                            |        |                          | 9                             | 5      |                          |           |
| 30 -   | 9                             |        |                          |                            |        |                          | 7                             | 12     |                          |           |
| 29 -   | 7                             |        |                          |                            |        |                          | 17                            | 13     | 1                        | 16        |
| 28 -   | 17                            |        |                          |                            |        |                          | 10                            | 9      |                          | 9         |
| 27 -   | 10                            |        |                          |                            |        |                          | 6                             | 11     |                          | 11        |
| 26 -   | 6                             |        |                          |                            |        |                          | 3                             | 4      | 1                        | 6         |
| 25 -   | 3                             |        |                          |                            |        |                          | 2                             | 6      |                          | 3         |
| 24 -   | 2                             |        |                          |                            |        |                          | 1                             | 3      |                          | 3         |
| 23 -   | 1                             |        |                          |                            |        |                          | 3                             | 2      | 1                        | 3         |
| 22 -   | 3                             |        |                          |                            |        |                          | 9                             | 6      |                          | 6         |
| 21 -   | 8                             |        |                          |                            |        |                          | 12                            | 2      |                          | 2         |
| 20 -   | 9                             | 1      |                          |                            |        |                          | 13                            | 6      | 1                        | 7         |
| 19 -   | 3                             |        |                          |                            |        |                          | 9                             | 4      |                          | 4         |
| 18 AND LESS- -   | 87                            |        | 38                       | 9                          | 17     |                          | 151                           | 63     | 3                        | 129       |
| TOTAL- - - - -   | 204                           | 5      | 38                       | 9                          | 19     | 275                      | 153                           | 9      | 34                       | 10        |
|  |                               |        |                          |                            |        |                          |                               |        |                          | 19        |
|  |                               |        |                          |                            |        |                          |                               |        |                          | 225       |
| YAGUEZ HARBOR, P. R.   |                               |        |                          |                            |        | INBOUND                  |                               |        |                          | OUTBOUND  |
| 28 -   | 1                             |        |                          |                            |        |                          | 1                             |        |                          |           |
| 26 -   | 1                             |        |                          |                            |        |                          | 1                             | 1      |                          | 1         |
| 25 -   | 2                             |        |                          |                            |        |                          | 2                             |        |                          |           |
| 24 -   | 4                             |        |                          |                            |        |                          | 4                             | 1      |                          |           |
| 23 -   | 5                             |        |                          |                            |        |                          | 8                             |        |                          |           |
| 22 -   | 13                            |        |                          |                            |        |                          | 13                            | 2      |                          |           |
| 21 -   | 18                            |        |                          | 2                          |        |                          | 20                            | 6      |                          | 6         |
| 20 -   | 15                            | 1      |                          | 2                          | 1      |                          | 19                            | 3      |                          | 4         |
| 19 -   | 26                            |        |                          |                            |        |                          | 24                            | 29     | 1                        | 29        |
| 18 AND LESS- -   | 165                           | 2      | 29                       | 2                          | 13     |                          | 211                           | 189    | 2                        | 237       |
| TOTAL- - - - -   | 251                           | 2      | 30                       | 6                          | 14     | 303                      | 231                           | 2      | 25                       | 16        |
|  |                               |        |                          |                            |        |                          |                               |        |                          | 280       |
| ST. THOMAS HARBOR, V. I.                                       |                               |        |                          |                            |        | INBOUND                  |                               |        |                          | OUTBOUND  |
| 35 -   | 1                             |        |                          |                            |        |                          | 1                             | 44     |                          | 44        |
| 34 -   |                               |        |                          |                            |        |                          |                               | 3      |                          | 3         |
| 33 -   | 1                             |        |                          |                            |        |                          | 1                             | 1      |                          | 1         |
| 32 -   | 3                             |        |                          |                            |        |                          | 3                             | 3      |                          | 3         |
| 31 -   |                               |        |                          |                            |        |                          |                               | 1      |                          | 1         |
| 30 -   | 83                            |        |                          |                            |        |                          | 83                            | 80     |                          | 80        |
| 29 -   | 87                            |        |                          |                            |        |                          | 67                            | 90     |                          | 90        |
| 28 -   | 23                            |        |                          |                            |        |                          | 23                            | 23     |                          | 23        |
| 27 -   | 76                            |        |                          |                            |        |                          | 76                            | 74     |                          | 74        |
| 26 -   | 235                           |        |                          |                            |        |                          | 235                           | 264    |                          | 264       |
| 25 -   | 47                            |        |                          |                            |        |                          | 47                            | 62     |                          | 62        |
| 24 -   | 92                            |        |                          |                            |        |                          | 92                            | 95     |                          | 95        |
| 23 -   | 83                            | 1      |                          |                            |        |                          | 84                            | 80     | 2                        | 82        |
| 22 -   | 56                            | 1      |                          |                            |        |                          | 57                            | 61     |                          | 61        |
| 21 -   | 91                            | 2      |                          |                            |        |                          | 93                            | 60     |                          | 60        |
| 20 -   | 11                            |        |                          |                            |        |                          | 13                            | 14     | 1                        | 16        |
| 19 -   | 33                            | 1      |                          | 2                          | 4      |                          | 38                            | 31     |                          | 37        |
| 18 AND LESS- -   | 3,763                         | 863    | 639                      | 214                        | 5,479  |                          | 3,681                         | 923    | 639                      | 200       |
| TOTAL- - - - -   | 4,685                         | 868    | 639                      | 220                        | 6,412  |                          | 4,687                         | 928    | 639                      | 213       |
|  |                               |        |                          |                            |        |                          |                               |        |                          | 6,467     |
| CHRISTIANSTED HARBOR,<br>ST. CROIX, V. I.                      |                               |        |                          |                            |        | INBOUND                  |                               |        |                          | OUTBOUND  |
| 16 -   | 68                            | 28     | 62                       | 6                          | 2      |                          | 166                           | 155    | 20                       | 79        |
| 15 -   | 37                            | 1      | 30                       |                            |        |                          | 68                            | 16     | 20                       | 4         |
| 14 -   | 126                           |        | 6                        |                            |        |                          | 132                           | 103    | 3                        | 1         |
| 13 -   | 39                            |        | 4                        |                            |        |                          | 43                            | 20     |                          | 24        |
| 12 -   | 92                            |        | 71                       | 2                          | 2      |                          | 167                           | 107    |                          | 107       |
| 11 -   | 53                            | 134    | 8                        | 25                         |        |                          | 220                           | 50     |                          | 192       |
| 10 -   | 59                            | 14     | 8                        | 22                         |        |                          | 99                            | 35     | 138                      | 59        |
| 9 -  | 35                            | 4      | 14                       |                            |        |                          | 53                            | 30     | 14                       | 6         |
| 8 -  | 118                           | 36     | 41                       |                            |        |                          | 195                           | 81     | 2                        | 41        |
| 7 -  | 60                            | 26     | 134                      | 3                          |        |                          | 223                           | 40     | 28                       | 159       |
| 6 AND LESS- -  | 446                           | 12     | 102                      | 45                         |        |                          | 605                           | 477    | 11                       | 92        |
| TOTAL- - - - -   | 1,133                         | 29     | 309                      | 311                        | 99     |                          | 1,971                         | 1,118  | 605                      | 309       |
|  |                               |        |                          |                            |        |                          |                               |        |                          | 99        |
| ANCLOTE RIVER, FLA.  |                               |        |                          |                            |        | NO VESSEL TRIPS REPORTED |                               |        |                          |           |
| ARECIBO HARBOR, P. R.  |                               |        |                          |                            |        | INBOUND                  |                               |        |                          | OUTBOUND  |
| TOTAL, 18 AND LESS- - - - -                                    |                               |        |                          | 6                          |        |                          | 4                             | 10     | 2                        | 2         |
| CEDAR KEYS HARBOR, FLA.  |                               |        |                          |                            |        | NO VESSEL TRIPS REPORTED |                               |        |                          |           |
| CHANNEL FROM NAPLES TO GORDON PASS<br>AND BIG MARCO PASS, FLA. |                               |        |                          |                            |        | NO VESSEL TRIPS REPORTED |                               |        |                          |           |
| CLEARWATER PASS, FLA.  |                               |        |                          |                            |        | UPBOUND                  |                               |        |                          | DOWNBOUND |
| TOTAL, 7 AND LESS- - - - -                                     |                               |        |                          | 3                          |        |                          | 4                             | 4      | 3                        | 7         |

## JACKSONVILLE, FL, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY  | DIRECTION                     |        |                          |                            |        |                               | DIRECTION |                          |           |             |                               |        |                          |
|---|-------------------------------|--------|--------------------------|----------------------------|--------|-------------------------------|-----------|--------------------------|-----------|-------------|-------------------------------|--------|--------------------------|
|   | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS |        |                               | TOTAL     | SELF PROPELLED VESSELS   |           |             | NON-SELF PROPELLED VESSELS    |        |                          |
|   | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO                  | TANKER | PASSENGER<br>AND<br>DRY CARGO | TANKER    | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO | TANKER      | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT |
| CROSS-FLORIDA BARGE CANAL, FLA.                             |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| CRYSTAL RIVER, FLA.   |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| EVERGLADES HARBOR, COLLIER COUNTY, FLA.                     |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| FAJARDO HARBOR, P. R.<br>TOTAL, 28 AND LESS - - - - -       | 2,361                         | 3      | 114                      | INBOUND 67                 | 7      | 2,552                         | 2,346     | 6                        | 99        | OUTBOUND 66 | 6                             | 2,523  |                          |
| FORT MYERS BEACH, FLA.                                      |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| GUAYANES HARBOR, P. R.                                      |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| HOMOSASSA RIVER, FLA.                                       |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| HORSESHOE COVE, FLA.  |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| HUDSON RIVER, FLA.  |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| JOHNS PASS, FLA.<br>TOTAL, 8 AND LESS - - - - -             |                               |        |                          | UPBOUND 1                  | 1      | 2                             |           |                          |           | DOWNBOUND 1 | 1                             | 2      |                          |
| KISSIMMEE RIVER, FLA.                                       |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| LITTLE MANATEE RIVER, FLA.                                  |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| LONGBOAT PASS, FLA.   |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| MANATEE RIVER, FLA.<br>TOTAL, 8 AND LESS - - - - -          | 25                            |        | 7                        | UPBOUND 3                  |        | 35                            | 25        |                          |           | DOWNBOUND 3 |                               | 36     |                          |
| NEW PASS, FLA.  |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| PITHLACHASCOKEE RIVER, FLA.                                 |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| ST. PETERSBURG HARBOR, FLA.<br>TOTAL, 24 AND LESS - - - - - | 901                           | 8      | 26                       | INBOUND 24                 | 1      | 960                           | 895       | 6                        | 23        | OUTBOUND 9  | 4                             | 937    |                          |
| STEINHATCHEE RIVER, FLA.                                    |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| SUWANNEE RIVER, FLA.  |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| WITHLACOOCHEE RIVER, FLA.                                   |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |                               |           |                          |           |             |                               |        |                          |
| WEEDON ISLAND, FLA.<br>TOTAL, 30 AND LESS - - - - -         |                               | 16     | 2                        | INBOUND 13                 |        | 31                            |           | 16                       | 3         | OUTBOUND 13 |                               | 32     |                          |

*Waterborne Commerce of the United States. 1987*  
**MOBILE, AL, DISTRICT**

## **TRIPS AND DRAFTS OF VESSELS**

| HARBOR OR WATERWAY  |   | DIRECTION               |        |                    |                            |        | DIRECTION |                         |        |                    |       |       |
|---|---|-------------------------|--------|--------------------|----------------------------|--------|-----------|-------------------------|--------|--------------------|-------|-------|
| DRAFT (FEET)  |   | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS  |        |                    | TOTAL |       |
|   |   | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |       |       |
| ST. MARKS RIVER, FLA.   |   |                         |        |                    | UPBOUND                    |        |           |                         |        |                    |       |       |
| 11  | - |                         |        |                    | 183                        | 183    |           |                         |        |                    |       |       |
| 10  | - |                         |        |                    | 8                          | 35     |           |                         |        |                    |       |       |
| 9   | - |                         |        |                    | 140                        | 110    | 250       |                         |        |                    |       |       |
| 8   | - |                         |        |                    | 38                         | 2      | 40        |                         |        |                    |       |       |
| 7   | - |                         |        |                    | 20                         | 4      | 24        |                         |        |                    |       |       |
| 6   | - |                         |        |                    | 12                         | 1      | 13        |                         |        |                    |       |       |
| 5   | - |                         |        |                    |                            |        |           |                         |        |                    |       |       |
| 4   | - |                         |        |                    |                            |        |           |                         |        |                    |       |       |
| 3   | - |                         |        |                    |                            |        |           |                         |        |                    |       |       |
| 2   | - |                         |        |                    |                            |        |           |                         |        |                    |       |       |
| 1   | - |                         |        |                    |                            |        |           |                         |        |                    |       |       |
| AND LESS  | - |                         |        |                    |                            |        |           |                         |        |                    |       |       |
| TOTAL   | - |                         |        |                    | 217                        | 317    | 534       |                         |        |                    |       |       |
| APALACHICOLA, CHATTahooCHEE, AND FLINT RIVERS, GA., AND FLA.    |   |                         |        |                    | UPBOUND                    |        |           |                         |        |                    |       |       |
| 9   | - |                         |        |                    | 31                         | 46     | 92        | 169                     |        |                    |       |       |
| 8   | - |                         |        |                    | 67                         | 16     | 56        | 139                     |        |                    |       |       |
| 7   | - |                         |        |                    | 80                         | 22     | 12        | 114                     |        |                    |       |       |
| 6   | - |                         |        |                    | 68                         | 5      | 3         | 76                      |        |                    |       |       |
| 5   | - |                         |        |                    | 6                          | 4      | 12        | 1                       |        |                    |       |       |
| 4   | - |                         |        |                    |                            | 2      | 6         |                         |        |                    |       |       |
| 3   | - |                         |        |                    |                            | 1      | 8         |                         |        |                    |       |       |
| 2   | - |                         |        |                    | 189                        | 1      | 5         | 195                     |        |                    |       |       |
| 1   | - |                         |        |                    | 35                         | 1      | 36        |                         |        |                    |       |       |
| AND LESS  | - |                         |        |                    | 582                        | 1      | 583       |                         |        |                    |       |       |
| TOTAL   | - |                         |        |                    | 6                          |        | 6         |                         |        |                    |       |       |
| GULF COUNTY CANAL, FLA.   |   |                         |        |                    | TOTAL                      | 447    | 709       | 1,838                   | 1      | 486                | 688   | 129   |
| 11  | - |                         |        |                    | NORTHBOUND                 |        |           |                         |        | SOUTHBOUND         |       |       |
| 10  | - |                         |        |                    | 6                          |        | 6         |                         |        | 6                  |       | 6     |
| 9   | - |                         |        |                    | 40                         |        | 80        |                         |        | 40                 |       | 41    |
| 8   | - |                         |        |                    | 222                        |        | 222       |                         |        | 226                |       | 209   |
| 7   | - |                         |        |                    | 47                         |        | 47        |                         |        | 51                 |       | 47    |
| 6   | - |                         |        |                    | 10                         |        | 11        |                         |        | 12                 |       | 17    |
| 5   | - |                         |        |                    | 9                          |        | 9         |                         |        | 12                 |       | 22    |
| 4   | - |                         |        |                    | 56                         |        | 56        |                         |        | 39                 |       | 60    |
| 3   | - |                         |        |                    | 4                          |        | 4         |                         |        | 4                  |       | 4     |
| 2   | - |                         |        |                    |                            | 458    | 20        | 478                     |        |                    |       |       |
| TOTAL   | - |                         |        |                    | 394                        | 458    | 27        | 879                     |        | 409                | 458   | 51    |
| PANAMA CITY HARBOR, FLA.  |   |                         |        |                    | INBOUND                    |        |           |                         |        | OUTBOUND           |       |       |
| 34  | - |                         |        |                    | 4                          |        | 1         |                         |        |                    |       | 1     |
| 32  | - |                         |        |                    | 1                          |        | 1         |                         |        |                    |       | 3     |
| 31  | - |                         |        |                    | 1                          |        | 3         |                         |        |                    |       | 1     |
| 30  | - |                         |        |                    | 3                          |        | 1         |                         |        |                    |       | 5     |
| 29  | - |                         |        |                    | 4                          |        | 5         |                         |        |                    |       | 10    |
| 28  | - |                         |        |                    | 4                          |        | 10        |                         |        |                    |       | 12    |
| 27  | - |                         |        |                    | 3                          |        | 12        |                         |        |                    |       | 19    |
| 26  | - |                         |        |                    | 3                          |        | 19        |                         |        |                    |       | 22    |
| 25  | - |                         |        |                    | 5                          |        | 21        |                         |        |                    |       | 19    |
| 24  | - |                         |        |                    | 11                         |        | 11        |                         |        |                    |       | 22    |
| 23  | - |                         |        |                    | 15                         | 1      | 16        | 11                      |        |                    |       | 11    |
| 22  | - |                         |        |                    | 21                         |        | 21        | 5                       | 1      |                    |       | 11    |
| 21  | - |                         |        |                    | 11                         | 2      | 13        | 2                       | 1      |                    |       | 3     |
| 20  | - |                         |        |                    | 7                          | 1      | 8         | 3                       |        |                    |       | 3     |
| 19  | - |                         |        |                    | 10                         |        | 10        | 2                       | 2      |                    |       | 4     |
| 18 AND LESS   | - |                         |        |                    | 631                        | 4      | 501       | 821                     | 757    | 3                  | 458   | 858   |
| TOTAL   | - |                         |        |                    | 739                        | 9      | 501       | 821                     | 870    | 9                  | 458   | 858   |
| HATSON BAYOU, FLA.  |   |                         |        |                    | INBOUND                    |        |           |                         |        | OUTBOUND           |       |       |
| 11  | - |                         |        |                    | 63                         | 63     |           |                         |        | 11                 |       | 11    |
| 10  | - |                         |        |                    | 38                         | 47     | 92        | 177                     |        | 38                 |       | 31    |
| 9   | - |                         |        |                    | 16                         | 44     | 40        | 100                     |        | 10                 |       | 51    |
| 8   | - |                         |        |                    | 58                         | 66     | 20        | 144                     |        | 51                 |       | 27    |
| 7   | - |                         |        |                    | 89                         | 19     | 12        | 120                     |        | 95                 |       | 67    |
| 6   | - |                         |        |                    | 41                         | 6      | 3         | 50                      |        | 35                 |       | 102   |
| 5   | - |                         |        |                    |                            | 5      | 5         |                         |        |                    |       | 35    |
| 4   | - |                         |        |                    |                            | 3      | 3         |                         |        |                    |       | 32    |
| 3   | - |                         |        |                    |                            | 8      | 8         |                         |        |                    |       | 32    |
| 2   | - |                         |        |                    | 28                         |        | 18        | 46                      |        | 28                 |       | 245   |
| 1   | - |                         |        |                    |                            |        |           |                         |        | 95                 |       | 96    |
| TOTAL   | - |                         |        |                    | 270                        | 182    | 264       | 716                     |        | 253                | 184   | 666   |
| ESCAMBIA AND CONECUM RIVERS, FLA., AND ALA., ESCAMBIA BAY, FLA. |   |                         |        |                    | UPBOUND                    |        |           |                         |        | DOWNBOUND          |       |       |
| 10  | - |                         |        |                    | 284                        |        | 310       |                         |        | 23                 |       | 23    |
| 9   | - |                         |        |                    | 1,077                      | 62     | 1,142     |                         |        | 3                  |       | 6     |
| 8   | - |                         |        |                    | 58                         | 12     | 27        | 97                      |        | 53                 |       | 53    |
| 7   | - |                         |        |                    | 242                        | 4      | 49        | 295                     |        | 208                |       | 205   |
| 6   | - |                         |        |                    | 6                          | 5      | 11        |                         |        | 6                  |       | 10    |
| 5   | - |                         |        |                    |                            | 16     |           | 16                      |        |                    |       |       |
| 4   | - |                         |        |                    |                            | 2      |           | 2                       |        |                    |       |       |
| 3   | - |                         |        |                    |                            | 27     |           | 27                      |        |                    |       |       |
| 2   | - |                         |        |                    |                            |        |           |                         |        | 1,324              | 85    | 1,409 |

## MOBILE, AL, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY  |                         | DIRECTION              |                    |           |                            |                         | DIRECTION |                        |           |       |                 |          |        |
|---|-------------------------|------------------------|--------------------|-----------|----------------------------|-------------------------|-----------|------------------------|-----------|-------|-----------------|----------|--------|
|   |                         | SELF PROPELLED VESSELS |                    |           | NON-SELF PROPELLED VESSELS |                         | TOTAL     | SELF PROPELLED VESSELS |           |       | TOTAL           |          |        |
| DRAFT (FEET)  | PASSENGER AND DRY CARGO | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO | TANKER                     | PASSENGER AND DRY CARGO | TANKER    | TOWBOAT OR TUGBOAT     | DRY CARGO |       |                 |          |        |
| ESCAMBIA AND CONECHUA<br>ALA., ESCAMBIA BA.<br>1 - - - - -  | FLA. AND<br>(CONTINUED) |                        | 2                  |           |                            | UPBOUND                 | 2         |                        |           | 47    | DOWNBOUND<br>90 | 137      |        |
| TOTAL - - - - -   |                         |                        | 337                | 1,427     | 138                        |                         | 1,902     |                        |           | 336   | 1,823           | 134      | 1,893  |
| PENSACOLA HARBOR,<br>34 - - - - -<br>33 - - - - -<br>32 - - - - -<br>31 - - - - -<br>30 - - - - -<br>29 - - - - -<br>28 - - - - -<br>27 - - - - -<br>26 - - - - -<br>25 - - - - -<br>24 - - - - -<br>23 - - - - -<br>22 - - - - -<br>21 - - - - -<br>20 - - - - -<br>19 - - - - -<br>18 AND LESS - - - - -  | 2                       |                        |                    |           |                            | INBOUND                 | 2         | 2                      | 3         |       |                 | OUTBOUND | 5      |
| TOTAL - - - - -   | 59                      | 6                      | 433                | 154       | 357                        |                         | 956       | 9                      |           | 446   | 155             | 365      | 975    |
| MOBILE HARBOR, ALA.,<br>80 - - - - -<br>79 - - - - -<br>78 - - - - -<br>77 - - - - -<br>76 - - - - -<br>75 - - - - -<br>74 - - - - -<br>73 - - - - -<br>72 - - - - -<br>71 - - - - -<br>70 - - - - -<br>69 - - - - -<br>68 - - - - -<br>67 - - - - -<br>66 - - - - -<br>65 - - - - -<br>64 - - - - -<br>63 - - - - -<br>62 - - - - -<br>61 - - - - -<br>60 - - - - -<br>59 - - - - -<br>58 - - - - -<br>57 - - - - -<br>56 - - - - -<br>55 - - - - -<br>54 - - - - -<br>53 - - - - -<br>52 - - - - -<br>51 - - - - -<br>50 - - - - -<br>49 - - - - -<br>48 - - - - -<br>47 - - - - -<br>46 - - - - -<br>45 - - - - -<br>44 - - - - -<br>43 - - - - -<br>42 - - - - -<br>41 - - - - -<br>40 - - - - -<br>39 - - - - -<br>38 - - - - -<br>37 - - - - -<br>36 - - - - -<br>35 - - - - -<br>34 - - - - -<br>33 - - - - -<br>32 - - - - -<br>31 - - - - -<br>30 - - - - -<br>29 - - - - -<br>28 - - - - -<br>27 - - - - -<br>26 - - - - -<br>25 - - - - -<br>24 - - - - -<br>23 - - - - -<br>22 - - - - -<br>21 - - - - -<br>20 - - - - -<br>19 - - - - -<br>18 AND LESS - - - - - | 13                      |                        |                    |           |                            | INBOUND                 | 13        | 59                     | 1         |       |                 | OUTBOUND | 60     |
| TOTAL - - - - -   | 822                     | 106                    | 2,954              | 7,028     | 2,280                      |                         | 12,461    | 170                    | 19        | 2,915 | 7,016           | 2,315    | 12,433 |
| THREE MILE CREEK, ALA.<br>TOTAL, 18 AND LESS - - - - -  | 15                      |                        | 45                 | 249       | 13                         | INBOUND                 | 322       | 13                     |           | 43    | 247             | 14       | 317    |
| CHICKASAW CREEK, ALA.,<br>28 - - - - -<br>27 - - - - -<br>26 - - - - -<br>25 - - - - -<br>24 - - - - -<br>23 - - - - -<br>22 - - - - -<br>21 - - - - -<br>20 - - - - -<br>19 - - - - -<br>18 - - - - -<br>17 - - - - -<br>16 - - - - -<br>15 - - - - -<br>14 - - - - -<br>13 - - - - -<br>12 AND LESS - - - - -   | 7                       | 1                      |                    |           |                            | INBOUND                 | 3         | 3                      |           |       |                 | OUTBOUND | 1      |
| TOTAL - - - - -   | 22                      | 6                      | 1,423              | 2,753     | 995                        |                         | 5,153     | 3                      |           | 1,370 | 2,753           | 892      | 5,018  |
| ALABAMA-COOSA RIVERS, ALA. AND GA.<br>10 - - - - -<br>9 - - - - -<br>8 - - - - -<br>7 - - - - -<br>6 - - - - -<br>5 - - - - -<br>4 - - - - -<br>3 - - - - -<br>2 - - - - -<br>1 - - - - -<br>AND LESS - - - - -   | 1                       | 1                      |                    |           |                            | UPBOUND                 | 2         |                        |           | 1     | 337             |          | 339    |
| TOTAL - - - - -   | 955                     | 2,186                  | 16                 |           |                            |                         | 3,157     |                        |           | 1,027 | 2,003           | 12       | 3,082  |

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY                       |   | DIRECTION               |        |                    |       |                        | DIRECTION |                 |                            |        |          |
|--|---|-------------------------|--------|--------------------|-------|------------------------|-----------|-----------------|----------------------------|--------|----------|
| DRAFT (FEET)                             |   | SELF PROPELLED VESSELS  |        |                    | TOTAL | SELF PROPELLED VESSELS |           |                 | NON-SELF PROPELLED VESSELS |        | TOTAL    |
|  |   | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |       | DRY CARGO              | TANKER    | TOWBOAT TUGBOAT | DRY CARGO                  | TANKER |          |
| BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA. |   |                         |        |                    |       |                        |           |                 |                            |        |          |
| 9  |   |                         |        |                    | 274   | 1,664                  | 352       | 2,000           |                            |        |          |
| 9  |   |                         |        |                    | 792   | 44                     | 53        | 889             | 1                          |        |          |
| 7  |   |                         |        |                    | 943   | 12                     | 20        | 976             |                            |        |          |
| 6  |   |                         |        |                    | 193   | 44                     | 28        | 265             |                            |        |          |
| 5  |   |                         |        |                    | 53    | 5                      | 4         | 62              |                            |        |          |
| 4  |   |                         |        |                    | 1     | 10                     | 3         | 14              |                            |        |          |
| 3  |   |                         |        |                    | 32    | 2,181                  | 13        | 2,226           |                            |        |          |
| 2  |   |                         |        |                    | 49    | 6,730                  | 226       | 7,005           |                            |        |          |
| 1 AND LESS                               |   |                         |        |                    | 0     | 158                    | 6         | 164             | 4                          | 2      |          |
| TOTAL                                    | - | 1                       | 2,341  | 10,648             | 705   | 13,695                 | 1         |                 | 2,237                      | 10,648 | 630      |
| TENNESSEE TOMBIGBEE WATERWAY             |   |                         |        |                    |       |                        |           |                 |                            |        |          |
| TOTAL, 11 AND LESS                       | - | -                       | 341    | 1,235              | 97    | 1,673                  |           |                 | 310                        | 1,308  | 89       |
| PASCAGOULA HARBOR, MISS.                 |   |                         |        |                    |       |                        |           |                 |                            |        |          |
| 38                                       |   |                         |        |                    |       |                        |           |                 |                            |        | OUTBOUND |
| 37                                       |   |                         |        |                    | 1     |                        |           |                 |                            |        | 32       |
| 36                                       |   |                         |        |                    | 5     |                        |           |                 |                            |        | 2        |
| 35                                       |   |                         |        |                    | 141   |                        |           |                 |                            |        | 26       |
| 34                                       |   |                         |        |                    | 1     | 23                     |           |                 |                            |        | 12       |
| 33                                       |   |                         |        |                    | 3     | 153                    |           |                 |                            |        | 27       |
| 32                                       |   |                         |        |                    | 3     | 6                      |           |                 |                            |        | 24       |
| 31                                       |   |                         |        |                    | 3     | 3                      |           |                 |                            |        | 54       |
| 30                                       |   |                         |        |                    | 0     | 3                      | 2         | 5               |                            |        | 70       |
| 29                                       |   |                         |        |                    | 6     | 2                      |           |                 |                            |        | 1        |
| 28                                       |   |                         |        |                    | 5     | 3                      |           |                 |                            |        | 4        |
| 27                                       |   |                         |        |                    | 6     | 6                      |           |                 |                            |        | 23       |
| 26                                       |   |                         |        |                    | 6     | 11                     |           |                 |                            |        | 27       |
| 25                                       |   |                         |        |                    | 8     | 11                     |           |                 |                            |        | 47       |
| 24                                       |   |                         |        |                    | 7     | 2                      |           |                 |                            |        | 47       |
| 23                                       |   |                         |        |                    | 13    | 7                      |           |                 |                            |        | 16       |
| 22                                       |   |                         |        |                    | 9     | 3                      |           |                 |                            |        | 27       |
| 21                                       |   |                         |        |                    | 17    | 6                      | 2         | 20              |                            |        | 34       |
| 20                                       |   |                         |        |                    | 13    | 8                      |           |                 |                            |        | 285      |
| 19                                       |   |                         |        |                    | 10    | 4                      |           |                 |                            |        | 20       |
| 18 AND LESS                              | - | -                       | 986    | 80                 | 1,681 | 634                    | 2,062     | 5,405           | 972                        | 4      | 1,678    |
| TOTAL                                    | - | 1,098                   | 436    | 1,705              | 636   | 2,069                  | 5,946     | 1,115           | 443                        | 1,708  | 656      |
| BAYOU CASOTTE, MISS.                     |   |                         |        |                    |       |                        |           |                 |                            |        |          |
| 38                                       |   |                         |        |                    |       |                        |           |                 |                            |        | OUTBOUND |
| 37                                       |   |                         |        |                    | 1     |                        |           |                 |                            |        | 31       |
| 36                                       |   |                         |        |                    | 5     |                        |           |                 |                            |        | 2        |
| 35                                       |   |                         |        |                    | 140   |                        |           |                 |                            |        | 21       |
| 34                                       |   |                         |        |                    | 23    |                        |           |                 |                            |        | 9        |
| 33                                       |   |                         |        |                    | 3     | 153                    |           |                 |                            |        | 23       |
| 32                                       |   |                         |        |                    | 2     | 4                      |           |                 |                            |        | 18       |
| 31                                       |   |                         |        |                    | 3     | 3                      |           |                 |                            |        | 62       |
| 30                                       |   |                         |        |                    | 1     | 3                      | 2         | 5               |                            |        | 54       |
| 29                                       |   |                         |        |                    | 4     | 2                      |           |                 |                            |        | 1        |
| 28                                       |   |                         |        |                    | 4     | 2                      |           |                 |                            |        | 3        |
| 27                                       |   |                         |        |                    | 3     | 3                      |           |                 |                            |        | 23       |
| 26                                       |   |                         |        |                    | 3     | 6                      |           |                 |                            |        | 27       |
| 25                                       |   |                         |        |                    | 4     | 11                     |           |                 |                            |        | 281      |
| 24                                       |   |                         |        |                    | 3     | 7                      |           |                 |                            |        | 7        |
| 23                                       |   |                         |        |                    | 9     | 7                      |           |                 |                            |        | 32       |
| 22                                       |   |                         |        |                    | 6     | 3                      |           |                 |                            |        | 2        |
| 21                                       |   |                         |        |                    | 10    | 6                      | 2         | 20              |                            |        | 12       |
| 20                                       |   |                         |        |                    | 8     | 8                      |           |                 |                            |        | 20       |
| 19                                       |   |                         |        |                    | 5     | 4                      |           |                 |                            |        | 3        |
| 18 AND LESS                              | - | -                       | 16     | 39                 | 1,225 | 119                    | 2,019     | 3,418           | 10                         | 3      | 1,229    |
| TOTAL                                    | - | 76                      | 436    | 1,249              | 121   | 2,026                  | 3,908     | 77              | 439                        | 1,255  | 149      |
| BILOXI HARBOR, MISS.                     |   |                         |        |                    |       |                        |           |                 |                            |        |          |
| 12                                       |   |                         |        |                    |       |                        |           |                 |                            |        | OUTBOUND |
| 11                                       |   |                         |        |                    | 385   |                        |           |                 |                            |        | 131      |
| 10                                       |   |                         |        |                    | 19    | 4                      |           |                 |                            |        | 2        |
| 9  |   |                         |        |                    | 53    | 7                      |           |                 |                            |        | 5        |
| 8  |   |                         |        |                    | 46    | 467                    | 23        | 536             |                            |        | 501      |
| 7  |   |                         |        |                    | 62    | 2                      | 12        | 76              |                            |        | 66       |
| 6 AND LESS                               | - | -                       | 2      | 29                 | 4     |                        | 35        |                 |                            |        | 26       |
| TOTAL                                    | - | 1,359                   | 167    | 644                | 91    | 1,119                  | 1,205     |                 | 154                        | 645    | 83       |
| GULFPORT HARBOR, MISS.                   |   |                         |        |                    |       |                        |           |                 |                            |        |          |
| 30                                       |   |                         |        |                    |       |                        |           |                 |                            |        | OUTBOUND |
| 29                                       |   |                         |        |                    | 4     |                        |           |                 |                            |        | 9        |
| 28                                       |   |                         |        |                    | 14    |                        |           |                 |                            |        | 6        |
| 27                                       |   |                         |        |                    | 14    |                        |           |                 |                            |        | 8        |
| 26                                       |   |                         |        |                    | 6     |                        |           |                 |                            |        | 6        |
| 25                                       |   |                         |        |                    | 32    |                        |           |                 |                            |        | 11       |
| 24                                       |   |                         |        |                    | 58    |                        |           |                 |                            |        | 23       |
| 23                                       |   |                         |        |                    | 32    |                        |           |                 |                            |        | 67       |
| 22                                       |   |                         |        |                    | 22    |                        |           |                 |                            |        | 88       |
| 21                                       |   |                         |        |                    | 13    |                        |           |                 |                            |        | 25       |
|  |   |                         |        |                    | 23    |                        |           |                 |                            |        | 9        |

**MOBILE, ALA., DISTRICT**

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### TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY  |  | DIRECTION               |                          |                    |                            |        | DIRECTION |                         |        |                    |           |
|---|--|-------------------------|--------------------------|--------------------|----------------------------|--------|-----------|-------------------------|--------|--------------------|-----------|
| DRAFT (FEET)  |  | SELF PROPELLED VESSELS  |                          |                    | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS  |        |                    | TOTAL     |
|   |  | PASSENGER AND DRY CARGO | TANKER                   | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |           |
| SULFPORT HARBOR, MISS.--(CONTINUED)                                     |  |                         |                          |                    | INBOUND                    |        | 10        | 9                       |        |                    | OUTBOUND  |
| 20 - - - - -  |  | 10                      |                          |                    |                            |        | 2         | 2                       |        |                    |           |
| 19 - - - - -  |  | 2                       |                          |                    |                            |        |           | 8                       |        |                    |           |
| 18 AND LESS- - - - -  |  | 27                      |                          | 130                | 124                        | 42     | 323       | 30                      |        |                    |           |
| TOTAL- - - - -  |  | 257                     |                          | 130                | 126                        | 42     | 553       | 255                     |        |                    |           |
| APALACHICOLA BAY, FLA.  |  |                         |                          |                    | INBOUND                    |        | 162       | 130                     |        |                    | OUTBOUND  |
| TOTAL, 10 AND LESS - - - - -  |  | 130                     |                          | 5                  | 27                         |        |           |                         |        | 5                  | 27        |
| BAYOU BERNARD, MISS.  |  |                         |                          |                    | INBOUND                    |        | 40        |                         |        |                    | OUTBOUND  |
| TOTAL, 11 AND LESS - - - - -  |  |                         |                          | 18                 | 4                          | 18     |           |                         |        | 8                  | 29        |
| BAYOU CHICO, FLA.   |  |                         |                          |                    | INBOUND                    |        | 261       |                         |        |                    | OUTBOUND  |
| TOTAL, 13 AND LESS - - - - -  |  |                         |                          | 99                 | 81                         | 81     |           |                         |        | 71                 | 89        |
| BAYOU COOEN, ALA.   |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| BAYOU GALERE, MISS.   |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| BAYOU LA SATRE, ALA.  |  |                         |                          |                    | UPBOUND                    |        | 952       | 886                     |        |                    | DOWNBOUND |
| TOTAL, 12 AND LESS - - - - -  |  | 860                     |                          | 38                 | 52                         | 2      |           |                         |        | 36                 | 50        |
| BLACKWATER RIVER, FLA.  |  |                         |                          |                    | UPBOUND                    |        | 28        |                         |        |                    | DOWNBOUND |
| TOTAL, 9 AND LESS - - - - -   |  |                         |                          | 10                 | 1                          | 17     |           |                         |        | 18                 | 17        |
| BON SECOUR RIVER, ALA.  |  |                         |                          |                    | UPBOUND                    |        | 905       | 905                     |        |                    | DOWNBOUND |
| TOTAL, 10 AND LESS - - - - -  |  | 905                     |                          |                    |                            |        |           |                         |        |                    | 905       |
| CADET BAYOU, MISS.  |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| CARRABELLE, FLA.  |  |                         |                          |                    | INBOUND                    |        | 649       | 649                     |        |                    | OUTBOUND  |
| TOTAL, 12 AND LESS - - - - -  |  | 649                     |                          |                    |                            |        |           |                         |        |                    | 649       |
| CHOCTAWHATCHEE RIVER, FLA. AND ALA.                                     |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| DAUPHIN ISLAND BAY, ALA.  |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| DOG AND FOWL RIVERS, ALA.   |  |                         |                          |                    | UPBOUND                    |        | 2         |                         |        |                    | DOWNBOUND |
| TOTAL, 6 AND LESS - - - - -   |  |                         |                          | 2                  |                            |        |           |                         |        | 2                  | 2         |
| EAST PASS CHANNEL FROM THE GULF OF MEXICO INTO CHOCTAWHATCHEE BAY, FLA. |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| EAST PEARL RIVER, MISS.   |  |                         |                          |                    | UPBOUND                    |        | 247       | 38                      |        |                    | DOWNBOUND |
| TOTAL, 9 AND LESS - - - - -   |  | 36                      |                          | 48                 | 131                        | 32     |           |                         |        | 38                 | 106       |
| FLY CREEK (FAIRHOPE), ALA.  |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| GRAND LAGOON, PANAMA CITY, FLA.   |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| LA GRANGE BAYOU, FLA.   |  |                         |                          |                    | UPBOUND                    |        | 91        |                         |        |                    | DOWNBOUND |
| TOTAL, 12 AND LESS - - - - -  |  |                         |                          | 32                 | 37                         | 22     |           |                         |        | 28                 | 40        |
| PANACEA, FLA.   |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| PASCAGOULA RIVER, MISS.   |  |                         |                          |                    | UPBOUND                    |        | 14        |                         |        |                    | DOWNBOUND |
| TOTAL, 9 AND LESS - - - - -   |  |                         |                          | 10                 | 4                          |        |           |                         |        | 10                 | 6         |
| PASS CHRISTIAN HARBOR, MISS.  |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |
| PERDIDO PASS CHANNEL, ALA.  |  |                         |                          |                    | UPBOUND                    |        | 803       | 803                     |        |                    | DOWNBOUND |
| TOTAL, 5 AND LESS - - - - -   |  | 803                     |                          |                    |                            |        |           |                         |        |                    | 803       |
| PORT ST. JOE HARBOR, FLA.   |  |                         |                          |                    | INBOUND                    |        | 460       |                         |        |                    | OUTBOUND  |
| TOTAL, 20 AND LESS - - - - -  |  |                         |                          | 1                  | 408                        | 51     |           |                         |        | 1                  | 407       |
| UPPER CHIPOLA RIVER, FLA., FROM MOUTH TO MARIANNA                       |  |                         | NO VESSEL TRIPS REPORTED |                    |                            |        |           |                         |        |                    |           |

## Waterborne Commerce of the United States, 1987

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY<br>DRAFT (FEET)                           | DIRECTION                     |        |                          |                            |        |                               | DIRECTION |                          |           |        |                               |                 |                          |       |
|--|-------------------------------|--------|--------------------------|----------------------------|--------|-------------------------------|-----------|--------------------------|-----------|--------|-------------------------------|-----------------|--------------------------|-------|
|  | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS |        |                               | TOTAL     | SELF PROPELLED VESSELS   |           |        | NON-SELF PROPELLED VESSELS    |                 |                          | TOTAL |
|  | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO                  | TANKER | PASSENGER<br>AND<br>DRY CARGO | TANKER    | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO | TANKER | PASSENGER<br>AND<br>DRY CARGO | TANKER          | TOWBOAT<br>OR<br>TUGBOAT |       |
| WOLF AND JORDAN RIVERS, MISS.<br>TOTAL, 7 AND LESS - - - - - |                               |        |                          | 16                         | 12     | UPBOUND                       | 28        |                          |           |        | 6                             | DOWNBOUND<br>12 |                          | 28    |

# NEW ORLEANS, LA, DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY                                  |                               | DIRECTION              |                          |            |                            |                               |        | DIRECTION |                          |           |        |                            |     |       |
|---|-------------------------------|------------------------|--------------------------|------------|----------------------------|-------------------------------|--------|-----------|--------------------------|-----------|--------|----------------------------|-----|-------|
|   |                               | SELF PROPELLED VESSELS |                          |            | NON-SELF PROPELLED VESSELS |                               |        | TOTAL     | SELF PROPELLED VESSELS   |           |        | NON-SELF PROPELLED VESSELS |     |       |
| DRAFT (FEET)  | PASSENGER<br>AND<br>DRY CARGO | TANKER                 | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO  | TANKER                     | PASSENGER<br>AND<br>DRY CARGO | TANKER |           | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO | TANKER |                            |     |       |
| INFERHARBOR NAVIGATION CANAL, LA.                   |                               |                        |                          | NORTHBOUND |                            |                               |        |           |                          |           |        | SOUTHBOUND                 |     |       |
| 30  | 186                           |                        |                          |            |                            |                               | 186    | 131       |                          |           |        |                            |     | 186   |
| 29  | 43                            |                        |                          |            |                            |                               | 42     | 51        |                          |           |        |                            |     | 51    |
| 28  | 30                            |                        |                          |            |                            |                               | 30     | 49        |                          |           |        |                            |     | 49    |
| 27  | 39                            |                        |                          |            |                            |                               | 39     | 70        |                          |           |        |                            |     | 70    |
| 26  | 45                            |                        |                          |            |                            |                               | 48     | 38        |                          |           |        |                            |     | 38    |
| 25  | 39                            |                        |                          |            |                            |                               | 39     | 38        |                          |           |        |                            |     | 38    |
| 24  | 49                            |                        |                          |            |                            |                               | 51     | 27        |                          |           |        |                            |     | 29    |
| 23  | 39                            |                        |                          |            |                            |                               | 39     | 22        |                          |           |        |                            |     | 22    |
| 22  | 22                            |                        |                          |            |                            |                               | 22     | 41        |                          |           |        |                            |     | 41    |
| 21  | 27                            |                        |                          |            |                            |                               | 27     | 36        |                          |           |        |                            |     | 36    |
| 20  | 36                            |                        |                          |            |                            |                               | 36     | 22        |                          |           |        |                            |     | 22    |
| 19  | 19                            |                        |                          |            |                            |                               | 20     | 13        |                          |           |        |                            |     | 14    |
| 18 AND LESS   | 191                           | 1,461                  | 2,810                    | 483        | 4,945                      | 133                           | 2      | 1,433     | 2,932                    | 443       | 4,943  |                            |     |       |
| TOTAL   | 727                           | 1,462                  | 2,812                    | 483        | 5,884                      | 671                           | 2      | 1,434     | 2,934                    | 443       | 5,884  |                            |     |       |
| MISSISSIPPI RIVER-GULF OUTLET, LA.                  |                               |                        |                          | UPBOUND    |                            |                               |        |           |                          |           |        | DOWNBOUND                  |     |       |
| 36  | 4                             |                        |                          |            |                            |                               | 4      | 5         |                          |           |        |                            |     | 5     |
| 37  | 1                             |                        |                          |            |                            |                               | 1      | 4         |                          |           |        |                            |     | 4     |
| 36  | 9                             |                        |                          |            |                            |                               | 9      | 11        |                          |           |        |                            |     | 11    |
| 35  | 3                             |                        |                          |            |                            |                               | 3      | 2         |                          |           |        |                            |     | 2     |
| 34  | 11                            |                        |                          |            |                            |                               | 11     | 4         |                          |           |        |                            |     | 4     |
| 33  | 19                            |                        |                          |            |                            |                               | 19     | 8         |                          |           |        |                            |     | 8     |
| 32  | 32                            |                        |                          |            |                            |                               | 32     | 27        |                          |           |        |                            |     | 27    |
| 31  | 45                            |                        |                          |            |                            |                               | 45     | 36        |                          |           |        |                            |     | 36    |
| 30  | 55                            |                        |                          |            |                            |                               | 55     | 47        |                          |           |        |                            |     | 47    |
| 29  | 49                            |                        |                          |            |                            |                               | 48     | 54        |                          |           |        |                            |     | 54    |
| 28  | 40                            |                        |                          |            |                            |                               | 40     | 49        |                          |           |        |                            |     | 49    |
| 27  | 50                            |                        |                          |            |                            |                               | 50     | 70        |                          |           |        |                            |     | 70    |
| 26  | 57                            |                        |                          |            |                            |                               | 57     | 41        |                          |           |        |                            |     | 41    |
| 25  | 45                            |                        |                          |            |                            |                               | 47     | 43        |                          |           |        |                            |     | 43    |
| 24  | 54                            |                        |                          |            |                            |                               | 54     | 26        |                          |           |        |                            |     | 32    |
| 23  | 51                            |                        |                          |            |                            |                               | 51     | 29        |                          |           |        |                            |     | 29    |
| 22  | 33                            |                        |                          |            |                            |                               | 33     | 48        |                          |           |        |                            |     | 48    |
| 21  | 36                            |                        |                          |            |                            |                               | 37     | 45        |                          |           |        |                            |     | 45    |
| 20  | 41                            |                        |                          |            |                            |                               | 41     | 34        |                          |           |        |                            |     | 34    |
| 19  | 26                            |                        |                          |            |                            |                               | 26     | 18        |                          |           |        |                            |     | 18    |
| 18 AND LESS   | 202                           | 2                      | 332                      | 787        | 235                        | 1,558                         | 132    | 317       | 928                      | 237       | 1,614  |                            |     |       |
| TOTAL   | 862                           | 2                      | 333                      | 789        | 235                        | 2,221                         | 735    | 319       | 930                      | 237       | 2,221  |                            |     |       |
| WATERWAY FROM EMPIRE, LA., TO<br>GULF OF MEXICO     |                               |                        |                          | UPBOUND    |                            |                               |        |           |                          |           |        | DOWNBOUND                  |     |       |
| 12  | 287                           |                        |                          |            |                            |                               | 82     | 369       | 357                      | 1         | 12     |                            |     | 370   |
| 11  | 371                           | 4                      |                          |            |                            |                               | 62     | 437       | 380                      | 8         | 9      |                            |     | 402   |
| 10  | 62                            | 4                      |                          |            |                            |                               | 29     | 115       | 32                       | 6         | 10     |                            |     | 40    |
| 9   | 29                            |                        |                          |            |                            |                               | 5      | 246       | 103                      | 156       |        |                            |     | 250   |
| 8   | 71                            | 9                      |                          |            |                            |                               | 5      | 92        | 114                      | 7         |        |                            |     | 121   |
| 7   | 54                            | 62                     |                          |            |                            |                               | 2      | 118       | 62                       | 70        |        |                            |     | 140   |
| 6   | 379                           | 97                     |                          |            |                            |                               | 5      | 100       | 581                      | 600       | 118    | 12                         | 2   | 732   |
| 5   | 267                           | 205                    |                          |            |                            |                               | 5      | 485       | 203                      | 187       | 19     | 2                          |     | 411   |
| 4   | 220                           | 19                     |                          |            |                            |                               | 9      | 275       | 3                        | 17        | 25     | 4                          |     | 49    |
| 3   |                               |                        |                          |            |                            |                               | 3      | 6         | 9                        | 1         |        | 1                          | 3   | 5     |
| 2   |                               |                        |                          |            |                            |                               | 25     | 45        | 81                       |           | 3      |                            | 228 | 251   |
| 1   |                               | 3                      |                          |            |                            |                               | 1      | 4         | 1                        |           |        |                            | 131 | 132   |
| AND LESS  |                               |                        |                          |            |                            |                               | 2      |           |                          | 4         |        |                            |     | 4     |
| TOTAL   | 1,775                         |                        | 564                      | 71         | 404                        | 2,814                         | 1,865  | 570       | 60                       | 809       |        |                            |     | 2,904 |
| BARATARIA BAY WATERWAY, LA.                         |                               |                        |                          | NORTHBOUND |                            |                               |        |           |                          |           |        | SOUTHBOUND                 |     |       |
| 13  | 2                             | 2                      |                          |            |                            |                               | 2      | 6         | 155                      | 2         |        |                            |     | 155   |
| 12  | 22                            | 1                      |                          |            |                            |                               | 23     | 326       | 1                        |           |        |                            |     | 328   |
| 11  | 206                           |                        |                          |            |                            |                               | 206    | 410       |                          |           |        |                            |     | 411   |
| 10  | 247                           | 1                      |                          |            |                            |                               | 2      | 250       | 31                       | 1         | 2      | 8                          |     | 30    |
| 9   | 983                           | 38                     | 1                        | 198        |                            |                               | 1,216  | 614       | 34                       | 12        | 123    |                            |     | 703   |
| 8   | 33                            | 179                    |                          | 61         |                            |                               | 273    | 240       | 273                      | 10        | 2      |                            |     | 525   |
| 7   | 171                           | 520                    | 12                       | 31         |                            |                               | 734    | 397       | 700                      | 46        | 19     |                            |     | 1,162 |
| 6 AND LESS  | 1,624                         | 810                    | 310                      | 305        |                            |                               | 2,957  | 885       | 746                      | 226       | 406    |                            |     | 2,283 |
| TOTAL   | 3,188                         |                        | 1,559                    | 323        | 595                        | 5,665                         | 3,056  | 1,757     | 296                      | 556       | 5,665  |                            |     |       |
| BAYOU LAFOURCHE AND LAFOURCHE-JUMP<br>WATERWAY, LA. |                               |                        |                          | NORTHBOUND |                            |                               |        |           |                          |           |        | SOUTHBOUND                 |     |       |
| 12  | 577                           | 106                    |                          |            |                            |                               | 683    | 707       | 116                      | 23        | 5      |                            |     | 651   |
| 11  | 202                           | 6                      |                          |            |                            |                               | 208    | 330       | 7                        |           | 5      |                            |     | 342   |
| 10  | 87                            | 7                      |                          |            |                            |                               | 94     | 1,084     | 3                        | 3         | 8      |                            |     | 1,090 |
| 9   | 562                           | 33                     | 9                        | 2          |                            |                               | 606    | 451       | 49                       | 17        | 47     |                            |     | 764   |
| 8   | 1,617                         | 11                     | 30                       | 10         |                            |                               | 1,468  | 761       | 10                       | 33        | 18     |                            |     | 622   |
| 7   | 709                           | 180                    | 28                       | 7          |                            |                               | 849    | 1,501     | 137                      | 83        | 17     |                            |     | 1,738 |
| 6   | 333                           | 371                    | 6                        | 145        |                            |                               | 853    | 1,206     | 392                      | 54        | 23     |                            |     | 1,675 |
| 5   | 1,053                         | 81                     | 7                        | 26         |                            |                               | 1,167  | 2,917     | 76                       | 61        | 10     |                            |     | 3,073 |
| 4   | 1,080                         | 80                     | 11                       | 13         |                            |                               | 1,184  | 86        | 59                       | 23        | 6      |                            |     | 174   |
| 3   | 2,397                         | 7                      | 17                       | 10         |                            |                               | 2,431  | 21        | 3                        | 20        | 1      |                            |     | 24    |
| 2   | 958                           | 9                      | 239                      | 119        |                            |                               | 1,325  | 21        | 1                        | 103       | 161    |                            |     | 326   |
| 1   |                               | 1                      | 10                       | 18         |                            |                               | 29     | 6         | 2                        | 0         | 36     |                            |     | 50    |
| AND LESS  |                               |                        | 2                        |            |                            |                               | 2      |           |                          |           |        |                            |     | 2     |
| TOTAL   | 9,376                         |                        | 862                      | 351        | 350                        | 10,939                        | 9,270  | 855       | 868                      | 386       | 10,939 |                            |     |       |

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY                                       |                         | DIRECTION              |                    |            |                            |                         | DIRECTION |                        |           |            |           |        |
|--|-------------------------|------------------------|--------------------|------------|----------------------------|-------------------------|-----------|------------------------|-----------|------------|-----------|--------|
|  |                         | SELF PROPELLED VESSELS |                    |            | NON-SELF PROPELLED VESSELS |                         | TOTAL     | SELF PROPELLED VESSELS |           |            | TOTAL     |        |
| DRAFT (FEET)   | PASSENGER AND DRY CARGO | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO  | TANKER                     | PASSENGER AND DRY CARGO | TANKER    | TOWBOAT OR TUGBOAT     | DRY CARGO |            |           |        |
| BAYOU LITTLE CAILOU                                      |                         |                        |                    |            |                            | UPBOUND                 |           |                        |           |            | DOWNBOUND |        |
| 6  | 1                       | 318                    |                    | 24         |                            | 343                     | 5         | 192                    | 15        | 361        | 573       |        |
| 5  | 1                       | 2                      |                    | 3          |                            | 3                       | 2         | 12                     | 5         | 19         |           |        |
| 4  | 3                       | 9                      | 1                  | 13         |                            | 13                      | 2         | 9                      | 1         | 58         | 70        |        |
| 3  |                         |                        |                    |            |                            |                         |           |                        |           |            | 1         |        |
| 2  | 5                       |                        | 14                 | 333        |                            | 352                     |           |                        | 1         | 5          | 46        |        |
| 1  | 2                       |                        | 1                  | 1          |                            | 4                       |           |                        |           |            | 32        |        |
| TOTAL  | -                       | 12                     | 329                | 16         | 358                        | 715                     | 9         | 214                    | 22        | 470        | 715       |        |
| HOUMA NAVIGATION CANAL, LA.                              |                         |                        |                    | NORTHBOUND |                            |                         |           |                        |           | SOUTHBOUND |           |        |
| 15   | 1                       | 2                      |                    | 1          |                            | 3                       |           |                        | 3         |            | 3         |        |
| 14   |                         |                        |                    |            |                            |                         |           |                        | 2         |            | 2         |        |
| 13   |                         | 2                      |                    |            |                            | 2                       |           |                        |           |            | 1         |        |
| 12   | 21                      | 1                      | 2                  | 71         | 96                         | 30                      | 1         | 1                      | 9         |            | 41        |        |
| 11   |                         | 3                      | 2                  | 15         | 20                         | 1                       | 3         | 2                      |           |            | 6         |        |
| 10   |                         | 5                      | 67                 | 92         | 146                        | 5                       |           | 38                     |           |            | 43        |        |
| 9  |                         | 11                     | 69                 | 25         | 140                        | 10                      |           | 57                     | 5         | 19         | 91        |        |
| 8  |                         |                        | 16                 | 14         | 78                         | 3                       |           | 15                     | 13        | 3          | 34        |        |
| 7  |                         | 56                     | 313                | 26         | 35                         | 430                     | 21        | 310                    | 37        | 3          | 379       |        |
| 6 AND LESS   | 171                     |                        | 770                | 411        | 246                        | 1,598                   | 212       | 870                    | 353       | 612        | 2,847     |        |
| TOTAL  | -                       | 267                    | 4,1220             | 478        | 678                        | 2,647                   | 283       | 4                      | 1,306     | 417        | 637       | 2,647  |
| ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO    |                         |                        |                    | NORTHBOUND |                            |                         |           |                        |           | SOUTHBOUND |           |        |
| 18   |                         |                        | 2                  |            |                            | 5                       | 1         |                        | 1         | 8          | 10        |        |
| 17   |                         |                        | 6                  |            |                            | 2                       |           | 4                      | 1         |            | 5         |        |
| 16   |                         |                        | 6                  |            |                            | 6                       |           | 2                      | 1         |            | 3         |        |
| 15   |                         | 1                      | 2                  |            |                            | 4                       | 1         | 5                      | 5         |            | 11        |        |
| 14   |                         | 35                     | 14                 | 2          |                            | 51                      | 515       | 3                      |           |            | 518       |        |
| 13   |                         | 200                    | 3                  | 1          |                            | 204                     | 265       | 3                      | 1         |            | 269       |        |
| 12   |                         | 193                    | 1                  | 6          |                            | 200                     | 232       | 2                      | 3         | 1          | 236       |        |
| 11   |                         | 727                    | 7                  | 5          |                            | 739                     | 201       | 6                      | 5         | 1          | 213       |        |
| 10   |                         | 114                    | 9                  | 40         | 4                          | 167                     | 105       | 11                     | 4         | 35         | 156       |        |
| 9  |                         | 333                    | 21                 | 106        | 14                         | 474                     | 397       | 11                     | 2         | 5          | 415       |        |
| 8  |                         | 148                    | 225                | 739        | 116                        | 1,228                   | 66        | 82                     |           |            | 168       |        |
| 7  |                         | 361                    | 285                | 26         | 19                         | 713                     | 456       | 228                    | 8         | 1          | 675       |        |
| 6 AND LESS   | 523                     | 1,151                  | 209                | 310        | 2,193                      | 463                     | 1,269     | 1,081                  | 397       |            | 3,210     |        |
| TOTAL  | -                       | 2,655                  | 1,726              | 1,142      | 463                        | 5,986                   | 2,704     | 1,627                  | 1,119     | 460        | 5,890     |        |
| ATCHAFALAYA RIVER, LA.                                   |                         |                        |                    | NORTHBOUND |                            |                         |           |                        |           | SOUTHBOUND |           |        |
| 12   | 18                      | 4                      | 5                  | 239        |                            | 266                     | 20        | 4                      | 276       | 367        | 687       |        |
| 11   |                         | 23                     | 8                  | 174        |                            | 205                     |           | 14                     | 22        | 43         | 79        |        |
| 10   | 1                       | 202                    | 67                 | 388        |                            | 658                     | 4         | 172                    | 896       | 93         | 1,165     |        |
| 9  | 4                       | 660                    | 725                | 401        |                            | 1,790                   | 5         | 542                    | 664       | 625        | 1,636     |        |
| 8  |                         | 341                    | 49                 | 243        |                            | 633                     |           | 346                    | 496       | 300        | 1,222     |        |
| 7  |                         | 30                     | 924                | 66         | 98                         | 1,118                   | 102       | 935                    | 228       | 44         | 1,389     |        |
| 6 AND LESS   | 322                     | 1,411                  | 2,339              | 967        |                            | 5,039                   | 238       | 1,382                  | 845       | 1,586      | 3,651     |        |
| TOTAL  | -                       | 375                    | 3,565              | 3,259      | 2,510                      | 9,709                   | 309       | 3,395                  | 3,027     | 2,918      | 9,709     |        |
| GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE |                         |                        |                    | NORTHBOUND |                            |                         |           |                        |           | SOUTHBOUND |           |        |
| 12   |                         |                        | 20                 | 30         | 92                         | 146                     |           | 16                     | 67        | 69         | 132       |        |
| 11   |                         |                        | 32                 | 6          | 149                        | 187                     |           | 34                     | 18        | 162        | 216       |        |
| 10   |                         |                        | 149                | 161        | 534                        | 884                     |           | 196                    | 128       | 415        | 730       |        |
| 9  |                         |                        | 624                | 1,226      | 2,347                      | 4,197                   |           | 583                    | 1,878     | 1,226      | 3,687     |        |
| 8  |                         |                        | 950                | 220        | 514                        | 1,684                   |           | 685                    | 120       | 310        | 1,115     |        |
| 7  |                         | 3                      | 634                | 49         | 149                        | 635                     |           | 401                    | 66        | 116        | 583       |        |
| 6 AND LESS   | 18                      | 953                    | 879                | 1,990      | 3,880                      | 29                      |           | 942                    | 843       | 3,229      | 5,843     |        |
| TOTAL  | -                       | 21                     | 3,162              | 2,575      | 5,775                      | 11,533                  | 29        | 2,857                  | 3,120     | 5,527      | 11,533    |        |
| PETIT ANSE, TIGRE AND CARLIN BAYOUS, LA.                 |                         |                        |                    | NORTHBOUND |                            |                         |           |                        |           | SOUTHBOUND |           |        |
| 8  |                         |                        | 15                 | 211        | 10                         | 236                     |           | 10                     | 13        | 52         | 775       |        |
| 7  |                         | 22                     |                    | 1          |                            | 24                      |           | 28                     |           | 60         | 64        |        |
| 6  |                         | 5                      | 78                 | 15         | 98                         |                         |           | 75                     |           | 13         | 66        |        |
| 5  |                         | 1                      | 13                 | 3          | 17                         | 6                       |           | 17                     |           | 2          | 25        |        |
| 4  |                         | 2                      |                    | 5          | 7                          | 3                       |           |                        |           |            | 3         |        |
| 3  |                         | 1                      | 473                | 91         | 565                        | 6                       |           |                        | 9         | 23         | 36        |        |
| 2  |                         |                        | 43                 | 14         | 57                         | 1                       |           | 8                      | 8         | 8          | 13        |        |
| TOTAL  | -                       | 10                     | 128                | 727        | 139                        | 1,004                   | 14        | 126                    | 726       | 138        | 1,004     |        |
| LAKE CHARLES DEEP WATER CHANNEL, LA.                     |                         |                        |                    | EASTBOUND  |                            |                         |           |                        |           | WESTBOUND  |           |        |
| 14   |                         |                        | 7                  | 2          |                            | 9                       |           | 6                      |           | 13         | 19        |        |
| 13   |                         |                        | 2                  | 26         |                            | 28                      |           | 2                      |           | 25         | 27        |        |
| 12   |                         |                        | 8                  | 11         | 117                        | 136                     |           | 6                      | 46        | 196        | 248       |        |
| 11   |                         |                        | 77                 | 8          | 430                        | 511                     |           | 71                     | 17        | 667        | 995       |        |
| 10   |                         |                        | 848                | 188        | 1,521                      | 2,157                   | 1         | 683                    | 121       | 1,850      | 2,815     |        |
| 9  |                         | 1,302                  | 1,356              | 3,874      | 6,533                      |                         |           | 1,215                  | 1,665     | 3,009      | 5,890     |        |
| 8  |                         | 1,436                  | 175                | 816        | 2,056                      | 28                      |           | 1,510                  | 335       | 772        | 2,645     |        |
| 7  |                         | 1,169                  | 51                 | 442        | 1,662                      |                         |           | 1,188                  | 95        | 255        | 1,692     |        |
| 6 AND LESS   | 3                       | 764                    | 1,329              | 4,715      | 6,791                      | 1                       |           | 716                    | 1,037     | 5,258      | 6,992     |        |
| TOTAL  | -                       | 32                     | 1                  | 5,193      | 3,216                      | 11,943                  | 20,283    | 30                     | 5,113     | 3,316      | 11,823    | 20,283 |

## TRIPS AND DRAFFTS OF VESSELS

| HARBOR OR WATERWAY                                   |                         | DIRECTION              |                    |           |                            |                         | DIRECTION |                        |           |       |             |        |
|--|-------------------------|------------------------|--------------------|-----------|----------------------------|-------------------------|-----------|------------------------|-----------|-------|-------------|--------|
|  |                         | SELF PROPELLED VESSELS |                    |           | NON-SELF PROPELLED VESSELS |                         | TOTAL     | SELF PROPELLED VESSELS |           |       | TOTAL       |        |
| DRAFT (FEET)   | PASSENGER AND DRY CARGO | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO | TANKER                     | PASSENGER AND DRY CARGO | TANKER    | TOWBOAT OR TUGBOAT     | DRY CARGO |       |             |        |
| BAYOU TECHE, LA.                                     |                         |                        |                    |           |                            | UP BOUND                |           |                        |           |       | DOWN BOUND  |        |
| 12   |                         |                        |                    |           |                            |                         | 2         | 1                      |           |       | 5           |        |
| 11   |                         |                        |                    | 2         | 2                          |                         | 7         |                        |           | 2     | 5           |        |
| 10   |                         |                        | 3                  | 2         | 2                          |                         | 21        |                        |           | 2     | 27          |        |
| 9  |                         |                        | 17                 | 2         | 2                          |                         |           |                        |           | 9     | 26          |        |
| 8  | 22                      |                        | 58                 | 73        | 108                        |                         | 261       | 30                     |           | 70    | 213         |        |
| 7  | 18                      |                        | 25                 | 18        |                            |                         | 57        | 37                     |           | 42    | 134         |        |
| 6  | 37                      |                        | 143                |           |                            |                         | 180       | 43                     |           | 16    | 206         |        |
| 5  | 38                      |                        | 238                | 15        | 185                        |                         | 476       | 21                     |           | 229   | 272         |        |
| 4  |                         |                        | 102                | 10        |                            |                         | 112       |                        |           | 112   | 119         |        |
| 3  |                         | 3                      | 12                 |           |                            |                         | 18        | 4                      |           | 8     | 15          |        |
| 2  |                         | 1                      |                    | 1         | 2                          |                         | 4         | 1                      |           | 1     | 2           |        |
| 1  |                         |                        | 2                  | 101       | 173                        |                         | 276       |                        |           | 95    | 314         |        |
| AND LESS   |                         |                        |                    | 1         | 7                          |                         | 8         |                        |           | 8     | 115         |        |
|  |                         |                        | 6                  |           |                            |                         | 8         |                        |           | 4     | 6           |        |
| TOTAL  | 119                     |                        | 608                | 219       | 484                        |                         | 1,430     | 137                    |           | 613   | 1,430       |        |
| VERMONTAU RIVER, LA.                                 |                         |                        |                    |           |                            | EAST BOUND              |           |                        |           |       | WEST BOUND  |        |
| 10   |                         | 7                      | 40                 |           |                            |                         | 204       | 251                    | 6         | 15    | 128         |        |
| 9  |                         |                        | 71                 |           |                            |                         | 36        | 107                    | 12        | 55    | 93          |        |
| 8  |                         | 75                     | 93                 |           |                            |                         | 59        | 227                    | 62        | 79    | 107         |        |
| 7  |                         | 207                    | 226                |           |                            |                         | 2         | 30                     | 444       | 248   | 793         |        |
| 6  |                         | 259                    | 296                |           |                            |                         | 93        | 646                    | 42        | 296   | 495         |        |
| 5  |                         | 91                     | 243                |           |                            |                         | 2         | 340                    | 78        | 236   | 319         |        |
| 4  |                         | 13                     |                    |           |                            |                         | 8         |                        | 10        | 4     | 18          |        |
| 3  |                         |                        |                    |           |                            |                         |           |                        |           | 4     | 2           |        |
| 2  |                         | 4                      | 13                 | 15        | 510                        |                         | 542       |                        |           | 8     | 566         |        |
| 1  |                         | 1                      |                    |           | 11                         |                         | 12        |                        |           | 15    | 15          |        |
| AND LESS   |                         |                        | 6                  |           |                            |                         | 6         |                        |           | 2     | 2           |        |
| TOTAL  | 657                     |                        | 988                | 27        | 947                        |                         | 2,619     | 654                    |           | 935   | 2,619       |        |
| BAYOU TECHE AND VERMILION RIVER, LA.                 |                         |                        |                    |           |                            | UP BOUND                |           |                        |           |       | DOWN BOUND  |        |
| 10   |                         | 485                    | 20                 | 14        | 13                         |                         | 492       | 456                    |           | 22    | 132         |        |
| 9  |                         | 185                    | 29                 | 40        | 9                          |                         | 263       | 341                    |           | 18    | 300         |        |
| 8  |                         | 345                    | 25                 | 29        | 9                          |                         | 407       | 338                    |           | 36    | 403         |        |
| 7  |                         | 371                    | 127                | 13        |                            |                         | 511       | 581                    |           | 117   | 706         |        |
| 6  |                         | 325                    | 125                | 42        | 11                         |                         | 503       | 624                    |           | 137   | 618         |        |
| 5  |                         | 467                    | 43                 | 16        | 2                          |                         | 528       | 80                     |           | 32    | 114         |        |
| 4  |                         | 272                    | 6                  | 1         | 2                          |                         | 281       | 16                     |           | 7     | 28          |        |
| 3  |                         | 1                      | 1                  | 1         | 2                          |                         | 5         | 1                      |           | 1     | 7           |        |
| 2  |                         | 33                     | 3                  | 19        | 205                        |                         | 260       | 1                      |           | 8     | 201         |        |
| 1  |                         |                        | 3                  | 19        | 44                         |                         | 44        |                        |           | 23    | 27          |        |
| TOTAL  | 2,444                   |                        | 379                | 175       | 296                        |                         | 3,298     | 2,440                  |           | 378   | 3,298       |        |
| VERMONTAU RIVER, RAYDUS NEZPIQUE AND DES CANNES, LA. |                         |                        |                    |           |                            | NORTH BOUND             |           |                        |           |       | SOUTH BOUND |        |
| 12   |                         | 1                      |                    |           |                            |                         | 1         | 2                      | 2         |       | 4           |        |
| 11   |                         |                        |                    |           |                            |                         | 1         | 1                      |           | 1     | 41          |        |
| 10   |                         |                        | 12                 | 8         | 11                         |                         | 31        |                        |           | 15    | 102         |        |
| 9  |                         | 58                     | 66                 | 26        |                            |                         | 150       |                        |           | 61    | 376         |        |
| 8  |                         | 60                     | 13                 | 35        |                            |                         | 108       |                        |           | 58    | 143         |        |
| 7  |                         | 91                     | 4                  | 5         |                            |                         | 100       |                        |           | 99    | 268         |        |
| 6 AND LESS   |                         |                        | 164                | 191       | 624                        |                         | 979       | 5                      |           | 174   | 421         |        |
| TOTAL  | 1                       |                        | 385                | 262       | 703                        |                         | 1,371     | 7                      |           | 407   | 1,415       |        |
| CALCASIEU RIVER AND PASS, LA.                        |                         |                        |                    |           |                            | INBOUND                 |           |                        |           |       | OUTBOUND    |        |
| 40   |                         | 1                      | 61                 |           |                            |                         | 82        | 15                     | 7         |       | 22          |        |
| 39   |                         |                        | 59                 |           |                            |                         | 59        | 13                     | 3         |       | 16          |        |
| 38   |                         | 4                      | 29                 |           |                            |                         | 33        | 7                      | 2         |       | 9           |        |
| 37   |                         | 2                      | 20                 |           |                            |                         | 24        | 1                      | 5         |       | 10          |        |
| 36   |                         | 1                      | 25                 |           |                            |                         | 27        | 5                      | 13        |       | 19          |        |
| 35   |                         |                        | 18                 |           |                            |                         | 19        | 8                      | 10        |       | 18          |        |
| 34   |                         | 3                      | 11                 |           |                            |                         | 15        | 1                      | 24        |       | 25          |        |
| 33   |                         | 2                      | 5                  |           |                            |                         | 7         | 26                     | 26        |       | 53          |        |
| 32   |                         | 3                      | 6                  | 8         |                            |                         | 17        | 7                      | 8         | 15    | 34          |        |
| 31   |                         | 5                      | 8                  |           |                            |                         | 13        | 18                     | 21        |       | 39          |        |
| 30   |                         | 7                      | 6                  |           |                            |                         | 13        | 13                     | 31        |       | 45          |        |
| 29   |                         | 5                      | 9                  |           |                            |                         | 14        | 17                     | 78        |       | 97          |        |
| 28   |                         | 12                     | 6                  |           |                            |                         | 18        | 14                     | 59        |       | 73          |        |
| 27   |                         | 15                     | 4                  |           |                            |                         | 19        | 20                     | 62        |       | 66          |        |
| 26   |                         |                        | 13                 | 12        |                            |                         | 25        | 12                     | 16        |       | 26          |        |
| 25   |                         | 6                      | 8                  |           |                            |                         | 16        | 9                      | 14        |       | 27          |        |
| 24   |                         | 9                      | 6                  |           |                            |                         | 16        | 10                     | 8         |       | 19          |        |
| 23   |                         | 15                     | 6                  |           |                            |                         | 21        | 7                      | 7         |       | 15          |        |
| 22   |                         |                        | 13                 | 11        |                            |                         | 24        | 13                     | 8         |       | 21          |        |
| 21   |                         | 19                     | 8                  |           |                            |                         | 28        | 6                      | 8         |       | 15          |        |
| 20   |                         | 27                     | 14                 | 59        | 1                          |                         | 101       | 4                      | 4         | 66    | 75          |        |
| 19   |                         | 40                     | 45                 | 6         |                            |                         | 91        | 27                     | 2         | 1     | 36          |        |
| 18 AND LESS  |                         | 2,317                  | 28                 | 2,233     | 1,108                      | 8,183                   | 9,869     | 2,257                  | 7         | 2,279 | 1,063       | 4,243  |
| TOTAL  | 2,516                   | 425                    | 2,306              | 1,109     | 8,193                      | 10,551                  | 2,510     | 423                    | 2,364     | 1,067 | 4,267       | 10,631 |
| PORT OF NEW ORLEANS, LA.                             |                         |                        |                    |           |                            | INBOUND                 |           |                        |           |       | OUTBOUND    |        |
| 40   |                         | 30                     | 64                 | 1         |                            |                         | 96        | 451                    | 22        | 1     | 675         |        |
| 39   |                         | 7                      | 45                 |           |                            |                         | 52        | 111                    | 13        |       | 126         |        |
| 38   |                         | 9                      | 33                 |           |                            |                         | 41        | 54                     | 18        |       | 72          |        |
| 37   |                         | 12                     | 17                 |           |                            |                         | 29        | 57                     | 19        |       | 70          |        |

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY                                    |                         | DIRECTION              |                    |                            |               |               | DIRECTION               |              |                            |               |               |                 |
|---|-------------------------|------------------------|--------------------|----------------------------|---------------|---------------|-------------------------|--------------|----------------------------|---------------|---------------|-----------------|
|   |                         | SELF PROPELLED VESSELS |                    | NON-SELF PROPELLED VESSELS |               | TOTAL         | SELF PROPELLED VESSELS  |              | NON-SELF PROPELLED VESSELS |               | TOTAL         |                 |
| DRAFT (FEET)  | PASSENGER AND DRY CARGO | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER        |               | PASSENGER AND DRY CARGO | TANKER       | TOWBOAT OR TUGBOAT         | DRY CARGO     | TANKER        |                 |
| <b>PORT OF NEW ORLEANS, LA.--(CONTINUED)</b>          |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| 36  | -                       | 19                     | 22                 |                            |               |               |                         |              |                            |               |               | <b>OUTBOUND</b> |
| 35  | -                       | 15                     | 19                 | 1                          |               |               | 35                      | 35           | 32                         |               |               | 8               |
| 34  | -                       | 32                     | 19                 |                            |               |               | 51                      | 46           | 112                        |               |               | 7               |
| 33  | -                       | 60                     | 25                 |                            |               |               | 85                      | 62           | 38                         | 20            |               | 105             |
| 32  | -                       | 79                     | 19                 | 225                        | 4             |               | 326                     | 114          | 31                         | 1,302         | 11            | 467             |
| 31  | -                       | 95                     | 21                 | 7                          |               |               | 123                     | 90           | 22                         | 8             |               | 121             |
| 30  | -                       | 130                    | 20                 |                            | 1             |               | 155                     | 134          | 40                         |               | 12            | 202             |
| 29  | -                       | 140                    | 27                 |                            |               |               | 168                     | 117          | 39                         |               | 20            | 176             |
| 28  | -                       | 150                    | 18                 |                            |               |               | 173                     | 120          | 47                         |               | 1             | 170             |
| 27  | -                       | 187                    | 27                 | 1                          | 12            | 3             | 230                     | 173          | 44                         | 1             | 4             | 222             |
| 26  | -                       | 221                    | 25                 |                            | 11            | 17            | 274                     | 139          | 35                         |               | 54            | 1               |
| 25  | -                       | 218                    | 31                 | 4                          | 18            | 1             | 272                     | 142          | 23                         | 2             | 66            | 213             |
| 24  | -                       | 208                    | 33                 | 27                         | 3             |               | 351                     | 140          | 24                         |               | 42            | 230             |
| 23  | -                       | 209                    | 37                 |                            | 5             | 1             | 381                     | 108          | 10                         | 1             | 16            | 145             |
| 22  | -                       | 274                    | 32                 | 8                          | 26            |               | 342                     | 117          | 19                         | 7             | 156           | 299             |
| 21  | -                       | 251                    | 18                 | 17                         | 5             |               | 291                     | 122          | 14                         | 15            | 7             | 159             |
| 20  | -                       | 246                    | 41                 |                            | 10            |               | 295                     | 103          | 18                         | 4             | 11            | 137             |
| 19  | -                       | 168                    | 100                | 2                          | 6             |               | 276                     | 62           | 16                         | 4             | 2             | 92              |
| 18 AND LESS   | -                       | 4,197                  | 108                | 13,397                     | 38,266        | 13,882        | 69,850                  | 3,915        | 45                         | 13,116        | 37,499        | 13,547          |
|   |                         |                        |                    |                            |               |               |                         |              |                            |               |               | 68,122          |
|   | <b>TOTAL</b>            | <b>7,122</b>           | <b>801</b>         | <b>13,690</b>              | <b>38,372</b> | <b>13,913</b> | <b>73,898</b>           | <b>6,865</b> | <b>712</b>                 | <b>14,485</b> | <b>37,902</b> | <b>14,334</b>   |
|   |                         |                        |                    |                            |               |               |                         |              |                            |               |               | <b>73,898</b>   |
| <b>PORT OF BATON ROUGE, LA.</b>                       |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| 40  | -                       | 33                     | 102                |                            |               |               | 135                     | 115          | 48                         |               |               | 159             |
| 39  | -                       | 5                      | 35                 |                            |               |               | 40                      | 29           | 15                         |               |               | 44              |
| 38  | -                       | 6                      | 21                 |                            |               |               | 27                      | 20           | 20                         |               |               | 40              |
| 37  | -                       | 11                     | 20                 |                            |               |               | 31                      | 16           | 28                         |               |               | 46              |
| 36  | -                       | 12                     | 29                 |                            |               |               | 81                      | 18           | 32                         |               |               | 51              |
| 35  | -                       | 16                     | 20                 | 2                          |               |               | 38                      | 12           | 22                         |               |               | 34              |
| 34  | -                       | 20                     | 11                 |                            | 18            |               | 53                      | 14           | 14                         |               |               | 28              |
| 33  | -                       | 20                     | 15                 |                            | 19            |               | 54                      | 19           | 38                         |               |               | 57              |
| 32  | -                       | 31                     | 11                 | 9                          |               | 1             | 52                      | 21           | 24                         | 9             |               | 56              |
| 31  | -                       | 24                     | 14                 |                            |               |               | 52                      | 24           | 28                         | 12            |               | 69              |
| 30  | -                       | 17                     | 37                 |                            | 2             |               | 56                      | 30           | 40                         | 2             |               | 72              |
| 29  | -                       | 22                     | 21                 |                            |               |               | 43                      | 29           | 35                         |               |               | 68              |
| 28  | -                       | 41                     | 18                 |                            |               |               | 59                      | 22           | 22                         |               |               | 44              |
| 27  | -                       | 25                     | 29                 |                            |               |               | 54                      | 22           | 84                         |               | 29            | 155             |
| 26  | -                       | 26                     | 25                 |                            |               |               | 51                      | 24           | 35                         |               | 3             | 62              |
| 25  | -                       | 28                     | 24                 | 7                          | 1             | 1             | 61                      | 26           | 22                         | 7             |               | 55              |
| 24  | -                       | 35                     | 30                 |                            |               |               | 65                      | 20           | 48                         |               | 1             | 66              |
| 23  | -                       | 36                     | 20                 |                            |               |               | 55                      | 32           | 25                         |               | 1             | 56              |
| 22  | -                       | 37                     | 16                 |                            |               |               | 53                      | 20           | 10                         |               | 2             | 32              |
| 21  | -                       | 25                     | 12                 | 1                          |               |               | 38                      | 28           | 13                         | 3             | 1             | 49              |
| 20  | -                       | 17                     | 15                 |                            | 1             |               | 33                      | 22           | 26                         | 2             | 3             | 70              |
| 19  | -                       | 27                     | 9                  | 4                          |               | 1             | 81                      | 44           | 22                         | 4             | 2             | 79              |
| 18 AND LESS   | -                       | 646                    | 62                 | 5,939                      | 10,385        | 8,722         | 25,754                  | 625          | 36                         | 5,867         | 10,451        | 8,561           |
|   | <b>TOTAL</b>            | <b>1,162</b>           | <b>596</b>         | <b>5,976</b>               | <b>10,426</b> | <b>8,726</b>  | <b>26,886</b>           | <b>3,232</b> | <b>673</b>                 | <b>5,904</b>  | <b>10,495</b> | <b>8,582</b>    |
|   |                         |                        |                    |                            |               |               |                         |              |                            |               |               | <b>26,886</b>   |
| <b>AMITE RIVER AND BAYOU MANCHAC, LA.</b>             |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| NO VESSEL TRIPS REPORTED                              |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| <b>BAYOU BONFOUCA, LA.</b>                            |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 10 AND LESS                                    | -                       |                        |                    | 20                         | 61            |               | 81                      | 6            |                            | 20            | 39            | 65              |
| <b>BAYOU DUPRE, LA.</b>                               |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 10 AND LESS                                    | -                       |                        |                    | 39                         | EASTBOUND     | 71            | 114                     | 6            |                            | 50            | 3             | 79              |
| <b>BAYOU GROSSE TETE, LA.</b>                         |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 9 AND LESS                                     | -                       |                        |                    | 2                          | UPBOUND       |               | 2                       |              |                            | 2             |               | 2               |
| <b>BAYOU LACOMBE, LA.</b>                             |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| NO VESSEL TRIPS REPORTED                              |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| <b>BAYOU PLAQUEMINE BRULE, LA.</b>                    |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 11 AND LESS                                    | -                       |                        |                    | 2                          | UPBOUND       | 5             | 7                       |              |                            | 2             | 5             | 7               |
| <b>BAYOU SEGNETTE WATERWAY, LA.</b>                   |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 9 AND LESS                                     | -                       |                        |                    | 5                          | UPBOUND       | 5             | 10                      | 6            |                            | 5             | 5             | 16              |
| <b>BAYOU TERREBONNE, LA.</b>                          |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 7 AND LESS                                     | -                       |                        |                    | 17                         | NORTHBOUND    | 83            | 104                     | 848          | 32                         | 182           | 43            | 191             |
| <b>BAYOUS LA LOUTURE, ST. MAUD, AND YCLOSKEY, LA.</b> |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 6 AND LESS                                     | -                       |                        |                    | 20                         | EASTBOUND     | 8             | 31                      |              |                            | 5             | 4             | 9               |
| <b>BIG PIGEON AND LITTLE PIGEON BAYOUS, LA.</b>       |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 8 AND LESS                                     | -                       |                        |                    | 3                          | UPBOUND       | 16            | 198                     | 312          | 4                          | 188           | 17            | 130             |
| <b>CHEPUNCTE AND BOGUE FALIA RIVERS, LA.</b>          |                         |                        |                    |                            |               |               |                         |              |                            |               |               |                 |
| TOTAL, 9 AND LESS                                     | -                       |                        |                    | 15                         | UPBOUND       | 17            | 32                      | 7            | 14                         | 16            | 16            | 30              |

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY  |       | DIRECTION                     |        |                          |                            |        | DIRECTION |                               |        |                          |            |       |
|---|-------|-------------------------------|--------|--------------------------|----------------------------|--------|-----------|-------------------------------|--------|--------------------------|------------|-------|
| DRAFT (FEET)  |       | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS        |        |                          | TOTAL      |       |
|   |       | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT |            |       |
| CYPRESS BAYOU AND WATERWAY<br>BETWEEN JEFFERSON, TEX.,<br>AND BROWNSPORT, LA.   |       |                               |        | NO VESSEL TRIPS REPORTED |                            |        |           |                               |        |                          |            |       |
| FRANKLIN CANAL, LA.<br>TOTAL, 6 AND LESS - - - - -  |       |                               |        | 14                       | UPBOUND                    |        | 14        | 1                             |        | 17                       | DOWNBOUND  | 18    |
| FRESHWATER BAYOU, LA.<br>TOTAL, 12 AND LESS - - - - -   | 420   |                               |        | 111                      | UPBOUND                    | 16     | 111       | 300                           |        | 154                      | DOWNBOUND  | 666   |
| PASS MANCHAC, LA.<br>TOTAL, 7 AND LESS - - - - -  | 10    |                               |        | 67                       | EASTBOUND                  | 73     | 17        | 10                            |        | 67                       | WESTBOUND  | 151   |
| TICKFAN, NATALBANY, PONCHATOUA, AND<br>BLOOD RIVERS, LA.  |       |                               |        | NO VESSEL TRIPS REPORTED |                            |        |           |                               |        |                          |            |       |
| VINTON WATERWAY, LA.  |       |                               |        | NO VESSEL TRIPS REPORTED |                            |        |           |                               |        |                          |            |       |
| WATERWAY FROM INTRACOASTAL WATERWAY<br>TO BAYOU DULAC, LA. (BAYOUS LE CARP<br>AND GRAND CAILLOU)<br>TOTAL, 8 AND LESS - - - - - | 1,113 | 4                             | 1,064  | NORTHBOUND               | 353                        | 133    | 2,667     | 1,178                         | 4      | 746                      | SOUTHBOUND | 2,667 |
| LAKE PONTCHARTRAIN, LA.<br>TOTAL, 10 AND LESS - - - - -   | 36    |                               |        | 766                      | NORTHBOUND                 | 1,213  | 18        | 2,033                         | 42     | 612                      | SOUTHBOUND | 2,033 |

**Waterborne Commerce of the United States, 1987**  
**GALVESTON, TEX., DISTRICT**

TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY            |       | DIRECTION               |        |                    |                            |        | DIRECTION |                         |        |                    |           |
|-------------------------------|-------|-------------------------|--------|--------------------|----------------------------|--------|-----------|-------------------------|--------|--------------------|-----------|
|                               |       | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS  |        |                    | TOTAL     |
|                               |       | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |           |
| JOHNSON'S BAYOU, LA.          |       |                         |        |                    | 8                          |        | UPBOUND   |                         |        |                    | DOWNBOUND |
| 8                             | - - - |                         |        |                    | 144                        | 4      | 3         | 11                      |        |                    | 265       |
| 7                             | - - - |                         |        |                    | 54                         | 2      | 2         | 150                     |        |                    | 156       |
| 6                             | - - - |                         |        |                    | 130                        |        |           | 54                      |        |                    | 61        |
| 5                             | - - - |                         |        |                    |                            |        |           | 130                     |        |                    | 119       |
| 4                             | - - - |                         |        |                    |                            |        |           | 2                       |        |                    | 129       |
| 2                             | - - - |                         |        |                    |                            |        |           | 401                     | 401    |                    |           |
| 1                             | - - - |                         |        |                    |                            |        |           | 72                      | 72     |                    |           |
| TOTAL                         | - - - |                         |        |                    | 336                        | 6      | 478       | 820                     |        |                    | 839       |
| SABINE-NECHES WATERWAY, TEX.  |       |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |
| 82                            | - - - |                         |        |                    |                            |        |           | 13                      |        |                    |           |
| 41                            | - - - |                         |        |                    |                            |        |           | 15                      |        |                    |           |
| 40                            | - - - |                         |        |                    |                            |        |           | 58                      | 14     | 4                  |           |
| 39                            | - - - |                         |        |                    |                            |        |           | 80                      | 18     | 7                  |           |
| 38                            | - - - |                         |        |                    |                            |        |           | 54                      | 11     | 14                 |           |
| 37                            | - - - |                         |        |                    |                            |        |           | 35                      | 17     | 20                 |           |
| 36                            | - - - |                         |        |                    |                            |        |           | 54                      | 23     | 35                 |           |
| 35                            | - - - |                         |        |                    |                            |        |           | 37                      | 15     | 60                 |           |
| 34                            | - - - |                         |        |                    |                            |        |           | 36                      | 6      | 52                 |           |
| 33                            | - - - |                         |        |                    |                            |        |           | 30                      | 33     | 67                 |           |
| 32                            | - - - |                         |        |                    |                            |        |           | 20                      | 13     | 66                 |           |
| 31                            | - - - |                         |        |                    |                            |        |           | 21                      | 33     | 69                 |           |
| 30                            | - - - |                         |        |                    |                            |        |           | 40                      | 28     | 43                 |           |
| 29                            | - - - |                         |        |                    |                            |        |           | 21                      | 26     | 50                 |           |
| 28                            | - - - |                         |        |                    |                            |        |           | 27                      | 11     | 63                 |           |
| 27                            | - - - |                         |        |                    |                            |        |           | 43                      | 33     | 75                 |           |
| 26                            | - - - |                         |        |                    |                            |        |           | 39                      | 21     | 69                 |           |
| 25                            | - - - |                         |        |                    |                            |        |           | 38                      | 12     | 45                 |           |
| 24                            | - - - |                         |        |                    |                            |        |           | 64                      | 15     | 30                 |           |
| 23                            | - - - |                         |        |                    |                            |        |           | 61                      | 3      | 19                 |           |
| 22                            | - - - |                         |        |                    |                            |        |           | 81                      | 8      | 15                 |           |
| 21                            | - - - |                         |        |                    |                            |        |           | 77                      | 29     | 31                 |           |
| 20                            | - - - |                         |        |                    |                            |        |           | 42                      | 3      | 16                 |           |
| 19                            | - - - |                         |        |                    |                            |        |           | 76                      | 6      | 19                 |           |
| 18 AND LESS                   | - - - |                         |        |                    |                            |        |           | 790                     | 54     | 10,811             | 3,728     |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 16,022    |
| TOTAL                         | - - - | 867                     | 115    | 10,548             | 3,227                      | 16,475 | 31,232    |                         |        |                    | 31,005    |
|                               |       | 1,165                   | 844    | 10,564             | 3,233                      | 16,488 | 32,294    | 1,177                   | 846    | 10,426             | 3,742     |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 16,104    |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 32,295    |
| ORANGE, TEX. (SABINE RIVER)   |       |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |
| 27                            | - - - |                         |        |                    |                            |        |           | 1                       |        |                    |           |
| 26                            | - - - |                         |        |                    |                            |        |           | 1                       | 2      |                    |           |
| 25                            | - - - |                         |        |                    |                            |        |           | 1                       | 1      |                    |           |
| 24                            | - - - |                         |        |                    |                            |        |           | 2                       |        |                    |           |
| 23                            | - - - |                         |        |                    |                            |        |           |                         | 1      |                    |           |
| 20                            | - - - |                         |        |                    |                            |        |           |                         |        |                    |           |
| 19                            | - - - |                         |        |                    |                            |        |           |                         |        |                    |           |
| 18 AND LESS                   | - - - |                         |        |                    |                            |        |           | 831                     | 5      | 2                  | 319       |
|                               |       | 1                       | 2      | 298                | 172                        | 358    |           |                         |        |                    | 130       |
| TOTAL                         | - - - | 3                       | 5      | 298                | 172                        | 358    | 836       | 5                       | 8      | 319                | 130       |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 354       |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 810       |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 816       |
| BEAUMONT, TEX. (NECHES RIVER) |       |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |
| 40                            | - - - |                         |        |                    |                            |        |           | 51                      | 23     | 3                  |           |
| 39                            | - - - |                         |        |                    |                            |        |           | 45                      | 15     | 3                  |           |
| 38                            | - - - |                         |        |                    |                            |        |           | 25                      | 10     | 2                  |           |
| 37                            | - - - |                         |        |                    |                            |        |           | 11                      | 9      | 2                  |           |
| 36                            | - - - |                         |        |                    |                            |        |           | 23                      | 17     | 7                  |           |
| 35                            | - - - |                         |        |                    |                            |        |           | 17                      | 8      | 16                 |           |
| 34                            | - - - |                         |        |                    |                            |        |           | 72                      | 5      | 26                 |           |
| 33                            | - - - |                         |        |                    |                            |        |           | 15                      | 26     | 19                 |           |
| 32                            | - - - |                         |        |                    |                            |        |           | 11                      | 10     | 27                 |           |
| 31                            | - - - |                         |        |                    |                            |        |           | 5                       | 11     | 39                 |           |
| 30                            | - - - |                         |        |                    |                            |        |           | 13                      | 12     | 20                 |           |
| 29                            | - - - |                         |        |                    |                            |        |           | 8                       | 8      | 20                 |           |
| 28                            | - - - |                         |        |                    |                            |        |           | 13                      | 4      | 19                 |           |
| 27                            | - - - |                         |        |                    |                            |        |           | 14                      | 5      | 34                 |           |
| 26                            | - - - |                         |        |                    |                            |        |           | 19                      | 9      | 26                 |           |
| 25                            | - - - |                         |        |                    |                            |        |           | 21                      | 4      | 15                 |           |
| 24                            | - - - |                         |        |                    |                            |        |           | 27                      | 2      | 22                 |           |
| 23                            | - - - |                         |        |                    |                            |        |           | 32                      | 5      |                    |           |
| 22                            | - - - |                         |        |                    |                            |        |           | 54                      | 1      | 3                  |           |
| 21                            | - - - |                         |        |                    |                            |        |           | 31                      | 5      | 12                 |           |
| 20                            | - - - |                         |        |                    |                            |        |           | 10                      | 10     | 3                  |           |
| 19                            | - - - |                         |        |                    |                            |        |           | 25                      | 1      | 9                  |           |
| 18                            | - - - |                         |        |                    |                            |        |           | 83                      | 1      | 11                 |           |
| 18 AND LESS                   | - - - | 49                      | 33     | 4,686              | 624                        | 4,982  | 10,334    | 5                       | 35     | 4,549              | 616       |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 5,057     |
| TOTAL                         | - - - | 183                     | 404    | 4,654              | 626                        | 4,992  | 10,859    | 187                     | 388    | 4,557              | 621       |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 5,110     |
|                               |       |                         |        |                    |                            |        |           |                         |        |                    | 10,859    |
| PORT ARTHUR, TEX.             |       |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |
| 42                            | - - - |                         |        |                    |                            |        |           | 2                       |        |                    |           |
| 41                            | - - - |                         |        |                    |                            |        |           | 15                      | 17     | 3                  |           |
| 40                            | - - - |                         |        |                    |                            |        |           | 58                      | 10     | 4                  |           |
| 39                            | - - - |                         |        |                    |                            |        |           | 79                      | 16     | 4                  |           |
| 38                            | - - - |                         |        |                    |                            |        |           | 53                      | 11     | 11                 |           |
| 37                            | - - - |                         |        |                    |                            |        |           | 38                      | 17     | 16                 |           |
| 36                            | - - - |                         |        |                    |                            |        |           | 54                      | 23     | 33                 |           |
| 35                            | - - - |                         |        |                    |                            |        |           | 37                      | 15     | 30                 |           |
| 34                            | - - - |                         |        |                    |                            |        |           | 36                      | 6      | 52                 |           |
| 33                            | - - - |                         |        |                    |                            |        |           | 30                      | 33     | 87                 |           |
| 32                            | - - - |                         |        |                    |                            |        |           | 19                      | 13     | 46                 |           |

## **GALVESTON, TEX., DISTRICT**

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## **TRIPS AND DRAFTS OF VESSELS**

| HARBOR OR WATERWAY             |   | DIRECTION               |        |                    |                            |        | DIRECTION |                         |        |                    |           |        |     |
|--------------------------------|---|-------------------------|--------|--------------------|----------------------------|--------|-----------|-------------------------|--------|--------------------|-----------|--------|-----|
| DRAFT (FEET)                   |   | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS  |        |                    | TOTAL     |        |     |
|                                |   | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |           |        |     |
| PORT ARTHUR, TEX.--(CONTINUED) |   |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |        |     |
| 31                             | - | 8                       | 13     |                    |                            |        | 21        | 33                      | 69     |                    | 102       |        |     |
| 30                             | - | 9                       | 30     |                    |                            |        | 21        | 24                      | 40     | 1                  | 73        |        |     |
| 29                             | - | 7                       | 13     |                    |                            |        | 20        | 26                      | 50     | 7                  | 63        |        |     |
| 28                             | - | 9                       | 19     |                    |                            |        | 27        | 11                      | 43     | 1                  | 70        |        |     |
| 27                             | - | 20                      | 24     |                    |                            |        | 44        | 33                      | 74     | 2                  | 105       |        |     |
| 26                             | - | 13                      | 26     |                    |                            |        | 40        | 21                      | 68     | 1                  | 90        |        |     |
| 25                             | - | 18                      | 19     |                    |                            |        | 38        | 12                      | 45     | 2                  | 54        |        |     |
| 24                             | - | 33                      | 28     | 2                  | 2                          | 1      | 65        | 15                      | 29     | 4                  | 66        |        |     |
| 23                             | - | 29                      | 29     | 1                  |                            | 2      | 61        | 3                       | 19     | 1                  | 26        |        |     |
| 22                             | - | 35                      | 43     | 3                  |                            |        | 61        | 8                       | 15     | 1                  | 29        |        |     |
| 21                             | - | 37                      | 35     | 4                  | 1                          |        | 77        | 29                      | 31     | 5                  | 76        |        |     |
| 20                             | - | 23                      | 18     | 2                  |                            |        | 43        | 3                       | 15     | 3                  | 24        |        |     |
| 19                             | - | 33                      | 36     | 2                  | 3                          | 2      | 76        | 6                       | 19     | 2                  | 42        |        |     |
| 18 AND LESS--                  | - | 110                     | 97     | 3,292              | 284                        | 2,264  | 6,047     | 34                      | 43     | 3,362              | 292       | 2,096  |     |
| TOTAL--                        | - | 408                     | 818    | 3,308              | 290                        | 2,278  | 7,098     | 821                     | 815    | 3,376              | 306       | 2,180  |     |
| SABINE PASS HARBOR, TEX.       |   |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |        |     |
| 60                             | - | 1                       | 78     |                    |                            |        | 1         | 80                      | 31     | 7                  | 38        |        |     |
| 39                             | - | 2                       | 67     |                    |                            |        | 69        | 14                      | 7      |                    | 21        |        |     |
| 38                             | - | 3                       | 41     |                    |                            |        | 44        | 11                      | 14     |                    | 29        |        |     |
| 37                             | - | 2                       | 28     |                    |                            |        | 30        | 17                      | 20     |                    | 37        |        |     |
| 36                             | - | 6                       | 46     |                    |                            |        | 52        | 23                      | 23     |                    | 46        |        |     |
| 35                             | - | 1                       | 29     | 1                  |                            |        | 31        | 15                      | 34     |                    | 50        |        |     |
| 34                             | - | 1                       | 30     |                    |                            |        | 31        | 6                       | 50     |                    | 57        |        |     |
| 33                             | - | 5                       | 21     |                    |                            |        | 27        | 33                      | 46     |                    | 60        |        |     |
| 32                             | - | 4                       | 14     | 1                  |                            |        | 19        | 13                      | 33     | 1                  | 62        |        |     |
| 31                             | - | 8                       | 13     |                    |                            |        | 21        | 33                      | 60     | 15                 | 93        |        |     |
| 30                             | - | 9                       | 27     |                    |                            |        | 37        | 24                      | 36     | 1                  | 66        |        |     |
| 29                             | - | 7                       | 13     |                    |                            |        | 20        | 26                      | 50     | 4                  | 60        |        |     |
| 28                             | - | 8                       | 18     |                    |                            |        | 26        | 11                      | 42     | 1                  | 65        |        |     |
| 27                             | - | 20                      | 24     |                    |                            |        | 44        | 33                      | 75     | 11                 | 110       |        |     |
| 26                             | - | 13                      | 27     |                    |                            |        | 41        | 21                      | 79     | 1                  | 101       |        |     |
| 25                             | - | 16                      | 18     |                    |                            |        | 37        | 12                      | 51     | 2                  | 65        |        |     |
| 24                             | - | 33                      | 23     | 2                  | 2                          | 1      | 60        | 15                      | 31     | 4                  | 50        |        |     |
| 23                             | - | 26                      | 1      |                    |                            |        | 57        | 3                       | 20     | 1                  | 26        |        |     |
| 22                             | - | 35                      | 43     | 3                  |                            |        | 82        | 8                       | 15     | 1                  | 29        |        |     |
| 21                             | - | 37                      | 34     | 3                  | 1                          |        | 75        | 29                      | 32     | 5                  | 71        |        |     |
| 20                             | - | 23                      | 17     | 2                  |                            |        | 42        | 3                       | 13     | 3                  | 19        |        |     |
| 19                             | - | 33                      | 36     | 2                  | 3                          | 2      | 76        | 6                       | 19     | 2                  | 38        |        |     |
| 18 AND LESS--                  | - | 837                     | 111    | 727                | 39                         | 469    | 2,183     | 759                     | 51     | 669                | 38        | 614    |     |
| TOTAL--                        | - | 1,135                   | 784    | 742                | 45                         | 478    | 3,184     | 1,146                   | 808    | 683                | 52        | 471    |     |
| HUSTON SHIP CHANNEL, TEX.      |   |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |        |     |
| 38                             | - | 69                      | 274    |                    |                            |        | 343       | 71                      | 290    | 3                  | 364       |        |     |
| 37                             | - | 13                      | 64     |                    |                            |        | 1         | 78                      | 14     | 8                  | 95        |        |     |
| 36                             | - | 13                      | 65     |                    |                            |        | 98        | 15                      | 98     | 3                  | 116       |        |     |
| 35                             | - | 8                       | 68     |                    |                            |        | 76        | 10                      | 80     | 4                  | 94        |        |     |
| 34                             | - | 22                      | 67     |                    |                            |        | 89        | 26                      | 87     | 3                  | 116       |        |     |
| 33                             | - | 28                      | 49     |                    |                            |        | 79        | 31                      | 58     | 3                  | 92        |        |     |
| 32                             | - | 45                      | 70     | 19                 |                            |        | 140       | 54                      | 85     | 5                  | 159       |        |     |
| 31                             | - | 49                      | 49     |                    |                            |        | 98        | 48                      | 60     | 100                | 217       |        |     |
| 30                             | - | 110                     | 85     | 4                  |                            |        | 205       | 113                     | 86     | 3                  | 189       |        |     |
| 29                             | - | 123                     | 61     |                    | 1                          |        | 185       | 124                     | 61     | 4                  | 222       |        |     |
| 28                             | - | 152                     | 72     |                    |                            |        | 226       | 149                     | 71     | 1                  | 220       |        |     |
| 27                             | - | 172                     | 62     |                    | 1                          | 3      | 238       | 160                     | 58     | 1                  | 270       |        |     |
| 26                             | - | 202                     | 72     |                    | 29                         | 3      | 306       | 201                     | 63     | 5                  | 257       |        |     |
| 25                             | - | 164                     | 85     | 1                  | 16                         | 6      | 272       | 169                     | 82     | 3                  | 266       |        |     |
| 24                             | - | 194                     | 77     | 4                  | 2                          | 3      | 280       | 196                     | 81     | 2                  | 256       |        |     |
| 23                             | - | 181                     | 70     | 1                  | 1                          | 2      | 264       | 180                     | 71     | 5                  | 235       |        |     |
| 22                             | - | 168                     | 76     | 7                  | 1                          |        | 282       | 159                     | 64     | 4                  | 235       |        |     |
| 21                             | - | 141                     | 55     | 10                 |                            |        | 207       | 144                     | 58     | 11                 | 221       |        |     |
| 20                             | - | 169                     | 99     | 5                  | 2                          |        | 275       | 168                     | 65     | 9                  | 254       |        |     |
| 19                             | - | 104                     | 74     | 3                  | 4                          | 3      | 188       | 102                     | 41     | 8                  | 159       |        |     |
| 18 AND LESS--                  | - | 895                     | 212    | 11,918             | 3,620                      | 19,958 | 36,599    | 888                     | 217    | 12,023             | 3,409     | 20,023 |     |
| TOTAL--                        | - | 3,018                   | 1,833  | 11,972             | 3,677                      | 19,988 | 40,488    | 3,022                   | 1,851  | 12,078             | 3,488     | 20,089 |     |
| DICKINSON BAYOU, TEX.          |   |                         |        |                    |                            |        | INBOUND   |                         |        |                    | DOWNBOUND |        |     |
| 7                              | - | 2                       | 107    |                    | 111                        | 58     | 278       |                         |        | 116                | 1         | 120    |     |
| 6                              | - |                         | 21     |                    |                            |        | 21        |                         |        | 31                 |           | 31     |     |
| 5                              | - |                         | 2      |                    | 3                          |        | 5         |                         |        | 2                  |           | 3      |     |
| 2                              | - |                         |        |                    | 22                         | 11     | 33        |                         |        | 73                 | 27        | 100    |     |
| 1                              | - |                         |        |                    | 22                         | 4      | 26        | 2                       |        | 66                 | 50        | 138    |     |
| TOTAL--                        | - | 2                       | 130    |                    | 158                        | 75     | 363       | 2                       |        | 151                | 169       | 78     | 400 |
| TEXAS CITY CHANNEL, TEX.       |   |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |        |     |
| 41                             | - | 2                       |        |                    |                            |        | 2         |                         |        |                    |           | 22     |     |
| 40                             | - | 6                       | 21     |                    |                            |        | 25        | 6                       | 16     |                    |           | 103    |     |
| 39                             | - | 10                      | 116    |                    |                            |        | 126       | 7                       | 96     |                    |           | 74     |     |
| 38                             | - | 6                       | 75     |                    |                            |        | 79        | 5                       | 69     |                    |           | 95     |     |
| 37                             | - | 5                       | 68     |                    |                            |        | 53        | 6                       | 49     |                    |           | 63     |     |
| 36                             | - | 5                       | 68     |                    |                            |        | 53        | 6                       | 57     |                    |           | 32     |     |
| 35                             | - | 2                       | 26     |                    |                            |        | 27        | 2                       | 29     |                    |           | 25     |     |
| 34                             | - | 2                       | 20     |                    |                            |        | 22        | 2                       | 23     |                    |           | 30     |     |
| 33                             | - | 1                       | 18     |                    |                            |        | 19        | 1                       | 37     |                    |           | 51     |     |
| 32                             | - | 8                       | 24     | 1                  |                            |        | 34        | 6                       | 44     | 2                  |           | 103    |     |
| 31                             | - | 3                       | 19     |                    |                            |        | 27        | 3                       | 23     |                    |           | 21     |     |

## Waterborne Commerce of the United States, 1987

## TRIPS AND DRAFFTS OF VESSELS

| HARBOR OR WATERWAY                           |                         | DIRECTION              |                    |           |                            |                         |        | DIRECTION          |                        |        |     |                            |       |  |
|--|-------------------------|------------------------|--------------------|-----------|----------------------------|-------------------------|--------|--------------------|------------------------|--------|-----|----------------------------|-------|--|
|  |                         | SELF PROPELLED VESSELS |                    |           | NON-SELF PROPELLED VESSELS |                         |        | TOTAL              | SELF PROPELLED VESSELS |        |     | NON-SELF PROPELLED VESSELS |       |  |
| DRAFT (FEET)                                 | PASSENGER AND DRY CARGO | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO | TANKER                     | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO              | TANKER |     |                            |       |  |
| <b>TEXAS CITY CHANNEL, TEX.--(CONTINUED)</b> |                         |                        |                    |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 30   |                         | 5                      | 29                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 29   |                         | 2                      | 15                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 28   |                         | 2                      | 22                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 27   |                         | 3                      | 17                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 26   |                         | 2                      | 12                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 25   |                         | 5                      | 25                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 24   |                         | 2                      | 12                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 23   |                         | 4                      | 20                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 22   |                         | 6                      | 9                  | 60        |                            |                         |        |                    |                        |        |     |                            |       |  |
| 21   |                         | 2                      | 3                  | 11        |                            |                         |        |                    |                        |        |     |                            |       |  |
| 20   |                         | 4                      | 20                 | 42        |                            |                         |        |                    |                        |        |     |                            |       |  |
| 19   |                         | 5                      | 1                  |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 18 AND LESS                                  |                         | 24                     | 48                 | 1,573     | 138                        | 4,136                   | 5,919  | 22                 | 25                     | 1,627  | 113 | 8,003                      | 5,799 |  |
| TOTAL  |                         | 102                    | 650                | 1,607     | 139                        | 4,160                   | 6,738  | 105                | 652                    | 1,764  | 120 | 8,097                      | 6,738 |  |
| <b>GALVESTON HARBOR, TEX.</b>                |                         |                        |                    |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 41   |                         |                        | 3                  |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 40   |                         | 51                     | 95                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 39   |                         | 45                     | 231                |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 38   |                         | 20                     | 159                |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 37   |                         | 25                     | 113                |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 36   |                         | 30                     | 135                |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 35   |                         | 18                     | 98                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 34   |                         | 31                     | 87                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 33   |                         | 34                     | 70                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 32   |                         | 59                     | 99                 | 20        |                            |                         |        |                    |                        |        |     |                            |       |  |
| 31   |                         | 58                     | 68                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 30   |                         | 120                    | 116                | 4         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 29   |                         | 134                    | 80                 |           | 1                          |                         |        |                    |                        |        |     |                            |       |  |
| 28   |                         | 158                    | 97                 |           |                            | 5                       |        |                    |                        |        |     |                            |       |  |
| 27   |                         | 185                    | 79                 |           | 1                          | 3                       |        |                    |                        |        |     |                            |       |  |
| 26   |                         | 226                    | 85                 |           | 30                         | 4                       |        |                    |                        |        |     |                            |       |  |
| 25   |                         | 194                    | 110                | 1         | 16                         | 10                      |        |                    |                        |        |     |                            |       |  |
| 24   |                         | 220                    | 89                 | 4         | 5                          | 4                       |        |                    |                        |        |     |                            |       |  |
| 23   |                         | 219                    | 101                | 2         | 2                          | 2                       |        |                    |                        |        |     |                            |       |  |
| 22   |                         | 227                    | 93                 | 95        | 1                          |                         |        |                    |                        |        |     |                            |       |  |
| 21   |                         | 161                    | 60                 | 23        |                            | 1                       |        |                    |                        |        |     |                            |       |  |
| 20   |                         | 209                    | 120                | 67        | 3                          |                         |        |                    |                        |        |     |                            |       |  |
| 19   |                         | 130                    | 115                | 4         | 4                          | 3                       |        |                    |                        |        |     |                            |       |  |
| 18 AND LESS                                  |                         | 747                    | 204                | 284       | 93                         | 401                     | 1,699  | 742                | 207                    | 258    | 76  | 277                        | 1,580 |  |
| TOTAL  |                         | 3,304                  | 2,493              | 475       | 156                        | 459                     | 6,887  | 3,326              | 2,542                  | 458    | 149 | 637                        | 6,908 |  |
| <b>GALVESTON CHANNEL, TEX.</b>               |                         |                        |                    |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 39   |                         |                        | 26                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 38   |                         |                        | 3                  |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 37   |                         |                        | 5                  | 1         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 36   |                         |                        | 12                 | 2         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 35   |                         |                        | 10                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 34   |                         |                        | 7                  |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 33   |                         |                        | 5                  | 3         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 32   |                         |                        | 10                 | 1         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 31   |                         |                        | 2                  |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 30   |                         |                        | 7                  | 2         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 29   |                         |                        | 9                  | 4         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 28   |                         |                        | 8                  | 3         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 27   |                         |                        | 10                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 26   |                         |                        | 22                 | 1         | 1                          |                         |        |                    |                        |        |     |                            |       |  |
| 25   |                         |                        | 25                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 24   |                         |                        | 24                 |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 23   |                         |                        | 34                 | 2         | 1                          | 1                       |        |                    |                        |        |     |                            |       |  |
| 22   |                         |                        | 57                 | 4         | 1                          |                         |        |                    |                        |        |     |                            |       |  |
| 21   |                         |                        | 18                 | 2         |                            |                         |        |                    |                        |        |     |                            |       |  |
| 20   |                         |                        | 36                 | 1         | 1                          | 1                       |        |                    |                        |        |     |                            |       |  |
| 19   |                         |                        | 30                 | 80        | 1                          |                         |        |                    |                        |        |     |                            |       |  |
| 18 AND LESS                                  |                         | 172                    | 4                  | 204       | 160                        | 293                     | 833    | 163                |                        | 185    | 118 | 275                        | 741   |  |
| TOTAL  |                         | 528                    | 70                 | 209       | 165                        | 293                     | 1,245  | 530                | 74                     | 189    | 125 | 275                        | 1,193 |  |
| <b>CHOCOLATE RAYOU, TEX.</b>                 |                         |                        |                    |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 9  |                         |                        |                    | 91        | 1                          | 836                     | 928    |                    |                        | 79     | 2   | 455                        | 536   |  |
| 8  |                         |                        |                    | 36        |                            | 17                      | 53     |                    |                        | 48     |     | 55                         | 103   |  |
| 7  |                         |                        |                    | 484       |                            | 8                       | 452    |                    |                        | 406    |     | 35                         | 441   |  |
| 6 AND LESS                                   |                         |                        |                    | 77        | 2                          | 563                     | 642    |                    |                        | 62     | 1   | 875                        | 938   |  |
| TOTAL  |                         | 646                    | 3                  | 1,424     |                            | 2,075                   |        |                    |                        | 595    | 3   | 1,420                      | 2,018 |  |
| <b>SAN BERNARD RIVER, TEX.</b>               |                         |                        |                    |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| 9  |                         |                        |                    |           | 52                         |                         |        |                    |                        | 56     |     | 121                        | 177   |  |
| 8  |                         |                        |                    |           | 15                         |                         |        |                    |                        | 15     |     | 12                         | 27    |  |
| 7  |                         |                        |                    |           | 46                         |                         |        |                    |                        | 47     |     | 22                         | 69    |  |
| 6  |                         |                        |                    |           | 7                          |                         |        |                    |                        | 7      |     | 17                         | 24    |  |
| 5  |                         |                        |                    |           | 2                          |                         |        |                    |                        | 2      |     | 2                          | 4     |  |
| 4  |                         |                        |                    |           |                            |                         |        |                    |                        | 2      |     |                            | 2     |  |
| 3  |                         |                        |                    |           |                            |                         |        |                    |                        |        |     | 8                          | 8     |  |
| 2  |                         |                        |                    |           |                            |                         |        |                    |                        |        |     |                            | 0     |  |
| 1  |                         |                        |                    |           |                            |                         |        |                    |                        |        |     |                            |       |  |
| TOTAL  |                         |                        |                    |           | 124                        |                         | 176    | 300                |                        | 129    |     | 182                        | 311   |  |

## TRIPS AND DRAFFTS OF VESSELS

| HARBOR OR WATERWAY                                |                         | DIRECTION              |                    |                            |        |         | DIRECTION               |        |                            |           |           |       |
|---|-------------------------|------------------------|--------------------|----------------------------|--------|---------|-------------------------|--------|----------------------------|-----------|-----------|-------|
|   |                         | SELF PROPELLED VESSELS |                    | NON-SELF PROPELLED VESSELS |        | TOTAL   | SELF PROPELLED VESSELS  |        | NON-SELF PROPELLED VESSELS |           | TOTAL     |       |
| DRAFT (FEET)                                      | PASSENGER AND DRY CARGO | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |         | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT         | DRY CARGO |           |       |
| FREEPORT HARBOR, TEX.                             |                         |                        |                    |                            |        | INBOUND |                         |        |                            |           | OUTBOUND  |       |
| 36  | 108                     |                        |                    |                            |        |         | 108                     | 1      | 28                         |           |           | 29    |
| 35  | 31                      |                        |                    |                            |        |         | 31                      |        | 8                          |           |           | 8     |
| 34  | 15                      |                        |                    |                            |        |         | 15                      |        | 11                         |           |           | 11    |
| 33  | 21                      |                        |                    |                            |        |         | 21                      | 1      | 15                         |           |           | 16    |
| 32  | 15                      |                        |                    |                            |        |         | 15                      | 3      | 11                         |           |           | 14    |
| 31  | 3                       | 9                      |                    |                            |        |         | 12                      | 4      | 9                          |           |           | 13    |
| 30  | 6                       | 14                     |                    |                            |        |         | 20                      | 9      | 12                         |           |           | 21    |
| 29  | 1                       | 10                     |                    |                            |        |         | 11                      | 5      | 13                         |           |           | 18    |
| 28  | 5                       | 13                     |                    |                            |        |         | 18                      | 3      | 13                         |           |           | 16    |
| 27  | 9                       | 20                     |                    |                            |        |         | 29                      | 4      | 26                         |           |           | 28    |
| 26  | 14                      | 25                     |                    |                            |        |         | 39                      | 2      | 42                         |           |           | 44    |
| 25  | 34                      | 11                     |                    |                            |        |         | 45                      | 6      | 55                         |           |           | 61    |
| 24  | 5                       | 20                     |                    |                            |        |         | 25                      | 8      | 83                         |           |           | 91    |
| 23  | 1                       | 21                     |                    |                            |        |         | 22                      | 7      | 37                         |           |           | 40    |
| 22  | 5                       | 26                     |                    |                            |        |         | 31                      | 12     | 10                         |           |           | 22    |
| 21  | 3                       | 18                     |                    |                            |        |         | 21                      | 37     | 13                         |           |           | 50    |
| 20  | 3                       | 8                      |                    |                            |        |         | 11                      | 3      | 13                         |           |           | 16    |
| 19  | 5                       | 10                     |                    |                            |        |         | 15                      | 2      | 8                          |           |           | 10    |
| 18 AND LESS                                       | 79                      | 47                     | 1,090              | 221                        | 2,089  | 3,526   | 74                      | 34     | 994                        | 216       | 2,104     | 3,422 |
| TOTAL   | 173                     | 842                    | 1,090              | 221                        | 2,089  | 4,015   | 181                     | 439    | 994                        | 216       | 2,104     | 3,934 |
| COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX. |                         |                        |                    |                            |        | UPBOUND |                         |        |                            |           | DOWNBOUND |       |
| 9   | 4                       |                        |                    |                            |        |         | 120                     | 120    |                            | 3         | 172       | 175   |
| 8   | 96                      |                        |                    |                            |        |         | 10                      | 106    |                            | 84        | 12        | 96    |
| 7   | 88                      |                        |                    |                            |        |         |                         | 88     |                            | 89        | 23        | 112   |
| 6   | 57                      |                        |                    |                            |        |         | 9                       | 66     |                            | 58        | 16        | 74    |
| 5   | 1                       |                        |                    |                            |        |         | 10                      | 11     |                            | 1         | 1         | 4     |
| 4   |                         |                        |                    |                            |        |         | 4                       | 4      |                            | 4         | 4         | 4     |
| 2   |                         |                        |                    |                            |        |         | 1                       | 224    | 285                        |           | 143       | 143   |
| 1   |                         |                        |                    |                            |        |         | 2                       | 2      | 2                          |           | 1         | 1     |
| TOTAL   |                         |                        |                    |                            |        | 246     | 1                       | 379    | 626                        | 235       | 372       | 607   |
| MATAGORDA SHIP CHANNEL, TEX.                      |                         |                        |                    |                            |        | INBOUND |                         |        |                            |           | OUTBOUND  |       |
| 37  | 27                      |                        |                    |                            |        |         | 27                      |        |                            |           |           | 1     |
| 36  | 35                      |                        |                    |                            |        |         | 35                      |        |                            |           |           |       |
| 35  | 7                       | 1                      |                    |                            |        |         | 8                       |        |                            |           |           |       |
| 34  | 6                       |                        |                    |                            |        |         | 6                       |        |                            |           |           |       |
| 33  |                         |                        |                    |                            |        |         | 1                       |        |                            |           |           |       |
| 32  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 31  |                         |                        |                    |                            |        |         |                         | 2      |                            |           |           |       |
| 29  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 28  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 27  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 26  |                         |                        |                    |                            |        |         |                         | 2      |                            |           |           |       |
| 25  |                         |                        |                    |                            |        |         |                         | 4      |                            |           |           |       |
| 24  |                         |                        |                    |                            |        |         |                         | 3      |                            |           |           |       |
| 23  |                         |                        |                    |                            |        |         |                         | 3      |                            |           |           |       |
| 22  |                         |                        |                    |                            |        |         |                         | 4      |                            |           |           |       |
| 21  |                         |                        |                    |                            |        |         |                         | 3      |                            |           |           |       |
| 20  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 19  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 18  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 17  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 16  |                         |                        |                    |                            |        |         |                         | 1      |                            |           |           |       |
| 15  |                         |                        |                    |                            |        |         |                         | 6      |                            |           |           |       |
| 13  |                         |                        |                    |                            |        |         |                         | 9      |                            |           |           |       |
| 12 AND LESS                                       | 38                      |                        | 217                | 287                        | 200    | 742     | 38                      |        | 215                        | 285       | 205       | 743   |
| TOTAL   | 153                     | 8                      | 217                | 287                        | 200    | 861     | 152                     | 8      | 215                        | 285       | 205       | 861   |
| CHANNEL TO VICTORIA, TEX.                         |                         |                        |                    |                            |        | INBOUND |                         |        |                            |           | OUTBOUND  |       |
| 9   |                         |                        |                    |                            |        |         | 98                      | 10     | 665                        | 773       |           |       |
| 8   |                         |                        |                    |                            |        |         | 53                      | 3      | 80                         | 136       | 86        | 285   |
| 7   |                         |                        |                    |                            |        |         | 177                     | 14     | 191                        | 2         | 52        | 120   |
| 6   |                         |                        |                    |                            |        |         | 120                     | 11     | 131                        |           | 191       | 85    |
| 5   |                         |                        |                    |                            |        |         | 6                       | 14     | 20                         |           | 109       | 109   |
| 4   |                         |                        |                    |                            |        |         | 3                       | 24     | 27                         |           | 13        | 9     |
| 3   |                         |                        |                    |                            |        |         | 25                      | 19     | 44                         |           | 67        | 5     |
| 2   |                         |                        |                    |                            |        |         | 473                     | 421    | 894                        |           | 3         | 5     |
| 1   |                         |                        |                    |                            |        |         | 146                     | 52     | 200                        |           | 11        | 726   |
| AND LESS  | 2                       |                        | 10                 |                            |        |         | 10                      |        |                            | 6         | 1         | 6     |
| TOTAL   | 2                       |                        | 467                | 657                        | 1,300  | 2,426   | 2                       |        | 460                        | 681       | 1,295     | 2,438 |
| CORPUS CHRISTI SHIP CHANNEL, TEX.                 |                         |                        |                    |                            |        | INBOUND |                         |        |                            |           | OUTBOUND  |       |
| 67  |                         |                        |                    |                            |        |         | 2                       |        |                            |           |           | 1     |
| 66  |                         |                        |                    |                            |        |         | 4                       |        |                            |           |           |       |
| 65  |                         |                        |                    |                            |        |         | 12                      |        |                            |           |           |       |
| 64  |                         |                        |                    |                            |        |         | 7                       |        |                            |           |           |       |
| 63  |                         |                        |                    |                            |        |         | 6                       |        |                            |           |           |       |
| 62  |                         |                        |                    |                            |        |         | 7                       |        |                            |           |           |       |
| 61  |                         |                        |                    |                            |        |         | 15                      |        |                            |           |           |       |
| 60  |                         |                        |                    |                            |        |         | 16                      |        |                            |           |           |       |
| 59  |                         |                        |                    |                            |        |         | 38                      |        |                            |           |           |       |
| 58  |                         |                        |                    |                            |        |         | 23                      |        |                            |           |           |       |
| 57  |                         |                        |                    |                            |        |         | 68                      |        |                            |           |           |       |
| 56  |                         |                        |                    |                            |        |         | 30                      |        |                            |           |           |       |
| 55  |                         |                        |                    |                            |        |         | 37                      |        |                            |           |           |       |
| 54  |                         |                        |                    |                            |        |         | 11                      |        |                            |           |           |       |
| 53  |                         |                        |                    |                            |        |         | 26                      |        |                            |           |           |       |
| 52  |                         |                        |                    |                            |        |         | 30                      |        |                            |           |           |       |
| 51  |                         |                        |                    |                            |        |         | 7                       |        |                            |           |           |       |
| 50  |                         |                        |                    |                            |        |         | 30                      |        |                            |           |           |       |
| 49  |                         |                        |                    |                            |        |         | 2                       |        |                            |           |           |       |
| 48  |                         |                        |                    |                            |        |         | 37                      |        |                            |           |           |       |
| 47  |                         |                        |                    |                            |        |         | 4                       |        |                            |           |           |       |
| 46  |                         |                        |                    |                            |        |         | 37                      |        |                            |           |           |       |
| 45  |                         |                        |                    |                            |        |         | 4                       |        |                            |           |           |       |
| 44  |                         |                        |                    |                            |        |         | 19                      |        |                            |           |           |       |
| 43  |                         |                        |                    |                            |        |         | 11                      |        |                            |           |           |       |
| 42  |                         |                        |                    |                            |        |         | 13                      |        |                            |           |           |       |
| 41  |                         |                        |                    |                            |        |         | 24                      |        |                            |           |           |       |
| 40  |                         |                        |                    |                            |        |         | 1                       |        |                            |           |           |       |
| 39  |                         |                        |                    |                            |        |         | 6                       |        |                            |           |           |       |
| 38  |                         |                        |                    |                            |        |         | 91                      |        |                            |           |           |       |
| 37  |                         |                        |                    |                            |        |         | 67                      |        |                            |           |           |       |
| 36  |                         |                        |                    |                            |        |         | 37                      |        |                            |           |           |       |
| 35  |                         |                        |                    |                            |        |         | 5                       |        |                            |           |           |       |
| 34  |                         |                        |                    |                            |        |         | 21                      |        |                            |           |           |       |
| 33  |                         |                        |                    |                            |        |         | 37                      |        |                            |           |           |       |
| 32  |                         |                        |                    |                            |        |         | 4                       |        |                            |           |           |       |
| 31  |                         |                        |                    |                            |        |         | 32                      |        |                            |           |           |       |

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY                |             | DIRECTION               |        |                    |                            |        | DIRECTION |                         |        |                    |           |       |       |
|-----------------------------------|-------------|-------------------------|--------|--------------------|----------------------------|--------|-----------|-------------------------|--------|--------------------|-----------|-------|-------|
| DRAFT (FEET)                      |             | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS  |        |                    | TOTAL     |       |       |
|                                   |             | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT |           |       |       |
| CORPUS CHRISTI SHIP CHANNEL, TEX. | (CONTINUED) |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |       |       |
| 35                                | -           | 5                       | 33     |                    |                            |        |           | 38                      | 6      | 68                 |           |       |       |
| 34                                | -           | 7                       | 13     |                    |                            |        |           | 20                      | 15     | 74                 |           |       |       |
| 33                                | -           | 1                       | 16     |                    |                            |        |           | 17                      | 28     | 40                 |           |       |       |
| 32                                | -           | 4                       | 9      |                    |                            |        |           | 13                      | 12     | 17                 |           |       |       |
| 31                                | -           | 1                       | 10     |                    |                            |        |           | 11                      | 8      | 18                 |           |       |       |
| 30                                | -           | 4                       | 17     |                    |                            |        |           | 21                      | 15     | 32                 |           |       |       |
| 29                                | -           | 6                       | 10     |                    |                            |        |           | 17                      | 11     | 31                 |           |       |       |
| 28                                | -           | 6                       | 10     |                    |                            |        |           | 16                      | 12     | 44                 |           |       |       |
| 27                                | -           | 4                       | 13     |                    |                            |        |           | 17                      | 12     | 44                 |           |       |       |
| 26                                | -           | 5                       | 14     |                    |                            |        |           | 19                      | 14     | 68                 |           |       |       |
| 25                                | -           | 13                      | 9      |                    |                            |        |           | 22                      | 24     | 46                 |           |       |       |
| 24                                | -           | 15                      | 11     |                    |                            |        |           | 29                      | 35     | 11                 |           |       |       |
| 23                                | -           | 8                       | 8      |                    |                            |        |           | 24                      | 20     | 6                  |           |       |       |
| 22                                | -           | 11                      | 22     | 2                  |                            |        |           | 35                      | 8      | 9                  |           |       |       |
| 21                                | -           | 23                      | 21     | 2                  |                            |        |           | 46                      | 12     | 10                 |           |       |       |
| 20                                | -           | 8                       | 16     |                    |                            |        |           | 28                      | 9      | 5                  |           |       |       |
| 19                                | -           | 19                      | 52     |                    |                            |        |           | 71                      | 9      | 6                  |           |       |       |
| 18 AND LESS                       | -           | 47                      | 65     | 2,662              | 241                        | 4,540  | 7,555     | 20                      | 13     | 2,707              | 273       | 4,345 | 7,358 |
| TOTAL                             | -           | 312                     | 608    | 2,666              | 241                        | 4,542  | 8,369     | 317                     | 641    | 2,712              | 274       | 4,425 | 8,369 |
| HARBOR ISLAND, TEX.               |             |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |       |       |
| 47                                | -           | 2                       |        |                    |                            |        |           | 2                       |        | 1                  |           |       |       |
| 46                                | -           | 1                       | 3      |                    |                            |        |           | 4                       |        | 1                  |           |       |       |
| 45                                | -           | 7                       | 12     |                    |                            |        |           | 19                      |        |                    |           |       |       |
| 44                                | -           | 5                       | 6      |                    |                            |        |           | 11                      |        | 1                  |           |       |       |
| 43                                | -           | 7                       | 6      |                    |                            |        |           | 13                      | 1      | 4                  |           |       |       |
| 42                                | -           | 9                       | 15     |                    |                            |        |           | 24                      | 1      | 2                  |           |       |       |
| 41                                | -           | 7                       | 16     |                    |                            |        |           | 23                      | 9      | 2                  |           |       |       |
| 40                                | -           | 8                       | 38     |                    |                            |        |           | 46                      | 11     | 6                  |           |       |       |
| 39                                | -           | 23                      | 68     |                    |                            |        |           | 91                      | 6      | 8                  |           |       |       |
| 38                                | -           | 30                      | 37     |                    |                            |        |           | 47                      | 10     | 21                 |           |       |       |
| 37                                | -           | 11                      | 26     |                    |                            |        |           | 37                      | 5      | 21                 |           |       |       |
| 36                                | -           | 7                       | 30     |                    |                            |        |           | 37                      | 8      | 32                 |           |       |       |
| 35                                | -           | 5                       | 33     |                    |                            |        |           | 38                      | 6      | 68                 |           |       |       |
| 34                                | -           | 7                       | 13     |                    |                            |        |           | 20                      | 15     | 78                 |           |       |       |
| 33                                | -           | 1                       | 16     |                    |                            |        |           | 17                      | 28     | 40                 |           |       |       |
| 32                                | -           | 8                       | 9      |                    |                            |        |           | 13                      | 12     | 17                 |           |       |       |
| 31                                | -           | 1                       | 10     |                    |                            |        |           | 11                      | 8      | 18                 |           |       |       |
| 30                                | -           | 4                       | 17     |                    |                            |        |           | 21                      | 15     | 32                 |           |       |       |
| 29                                | -           | 6                       | 16     |                    |                            |        |           | 16                      | 11     | 31                 |           |       |       |
| 28                                | -           | 6                       | 10     |                    |                            |        |           | 16                      | 12     | 44                 |           |       |       |
| 27                                | -           | 1                       | 13     |                    |                            |        |           | 17                      | 12     | 44                 |           |       |       |
| 26                                | -           | 5                       | 14     |                    |                            |        |           | 19                      | 18     | 68                 |           |       |       |
| 25                                | -           | 13                      | 0      |                    |                            |        |           | 22                      | 24     | 46                 |           |       |       |
| 24                                | -           | 15                      | 11     |                    |                            |        |           | 29                      | 35     | 11                 |           |       |       |
| 23                                | -           | 15                      | 8      |                    |                            |        |           | 23                      | 20     | 6                  |           |       |       |
| 22                                | -           | 11                      | 22     |                    |                            |        |           | 33                      | 8      | 9                  |           |       |       |
| 21                                | -           | 21                      | 21     |                    |                            |        |           | 42                      | 9      | 10                 |           |       |       |
| 20                                | -           | 8                       | 16     |                    |                            |        |           | 28                      | 9      | 5                  |           |       |       |
| 19                                | -           | 15                      | 52     |                    |                            |        |           | 70                      | 9      | 6                  |           |       |       |
| 18 AND LESS                       | -           | 47                      | 65     | 55                 | 1                          | 127    | 295       | 20                      | 13     | 73                 | 3         | 132   | 241   |
| TOTAL                             | -           | 309                     | 608    | 55                 | 1                          | 127    | 1,100     | 314                     | 641    | 73                 | 3         | 132   | 1,163 |
| CORPUS CHRISTI, TEX.              |             |                         |        |                    |                            |        | INBOUND   |                         |        |                    | OUTBOUND  |       |       |
| 40                                | -           | 43                      | 81     |                    |                            |        |           | 124                     | 22     | 16                 |           |       |       |
| 39                                | -           | 22                      | 67     |                    |                            |        |           | 89                      | 6      | 8                  |           |       |       |
| 38                                | -           | 30                      | 36     |                    |                            |        |           | 66                      | 10     | 21                 |           |       |       |
| 37                                | -           | 11                      | 26     |                    |                            |        |           | 37                      | 5      | 20                 |           |       |       |
| 36                                | -           | 7                       | 30     |                    |                            |        |           | 37                      | 4      | 31                 |           |       |       |
| 35                                | -           | 5                       | 32     |                    |                            |        |           | 37                      | 6      | 67                 |           |       |       |
| 34                                | -           | 7                       | 12     |                    |                            |        |           | 19                      | 15     | 74                 |           |       |       |
| 33                                | -           | 1                       | 16     |                    |                            |        |           | 17                      | 28     | 40                 |           |       |       |
| 32                                | -           | 4                       | 9      |                    |                            |        |           | 13                      | 12     | 16                 |           |       |       |
| 31                                | -           | 1                       | 10     |                    |                            |        |           | 11                      | 7      | 17                 |           |       |       |
| 30                                | -           | 4                       | 17     |                    |                            |        |           | 21                      | 15     | 29                 |           |       |       |
| 29                                | -           | 6                       | 10     |                    |                            |        |           | 17                      | 11     | 28                 |           |       |       |
| 28                                | -           | 6                       | 10     |                    |                            |        |           | 16                      | 12     | 41                 |           |       |       |
| 27                                | -           | 6                       | 12     |                    |                            |        |           | 16                      | 12     | 43                 |           |       |       |
| 26                                | -           | 5                       | 14     |                    |                            |        |           | 19                      | 13     | 66                 |           |       |       |
| 25                                | -           | 13                      | 9      |                    |                            |        |           | 22                      | 20     | 46                 |           |       |       |
| 24                                | -           | 15                      | 11     |                    |                            |        |           | 29                      | 35     | 10                 |           |       |       |
| 23                                | -           | 15                      | 8      |                    |                            |        |           | 24                      | 20     | 6                  |           |       |       |
| 22                                | -           | 11                      | 22     | 2                  |                            |        |           | 35                      | 8      | 9                  |           |       |       |
| 21                                | -           | 23                      | 21     | 2                  |                            |        |           | 46                      | 12     | 10                 |           |       |       |
| 20                                | -           | 8                       | 15     |                    |                            |        |           | 23                      | 9      | 5                  |           |       |       |
| 19                                | -           | 19                      |        |                    |                            |        |           | 71                      | 9      | 6                  |           |       |       |
| 18 AND LESS                       | -           | 47                      | 2,617  | 240                | 4,419                      | 7,388  | 20        | 13                      | 2,642  | 270                | 4,242     | 7,187 |       |
| TOTAL                             | -           | 310                     | 585    | 2,621              | 240                        | 4,421  | 8,177     | 315                     | 622    | 2,647              | 271       | 4,322 | 8,177 |
| TRIBUTARY ARROYO COLORADO, TEX.   |             |                         |        |                    |                            |        | JPOBOUND  |                         |        |                    | DOWNBOUND |       |       |
| 12                                | -           | 5                       |        |                    |                            |        |           | 5                       |        | 5                  |           |       |       |
| 11                                | -           | 15                      |        |                    |                            |        |           | 15                      |        | 13                 |           |       |       |
| 10                                | -           | 2                       |        |                    |                            |        |           | 6                       |        | 8                  |           |       |       |
| 9                                 | -           | 51                      | 1      | 77                 |                            |        |           | 129                     |        | 52                 |           |       |       |
| 8                                 | -           | 45                      | 5      | 81                 |                            |        |           | 131                     |        | 49                 |           |       |       |
| 7                                 | -           | 12                      | 14     |                    |                            |        |           | 26                      |        | 6                  |           |       |       |
| 6                                 | -           | 46                      | 6      | 52                 |                            |        |           | 52                      |        | 47                 |           |       |       |
| 5                                 | -           | 8                       | 6      | 14                 |                            |        |           | 14                      |        | 11                 |           |       |       |

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY                           | DIRECTION    |                               |        |                          |                            |        | DIRECTION |                               |        |                          |                            |        |        |     |
|--|--------------|-------------------------------|--------|--------------------------|----------------------------|--------|-----------|-------------------------------|--------|--------------------------|----------------------------|--------|--------|-----|
|  | DRAFT (FEET) | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS |        | TOTAL     | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS |        | TOTAL  |     |
|  |              | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO                  | TANKER |           | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO                  | TANKER |        |     |
| TRIBUTARY ARROYO COLORADO, TEX.--(CONTINUED) |              |                               |        |                          | UPBOUND                    | 2      | 2         |                               |        |                          | DOWNBOUND                  | 1      | 1      |     |
| 4 - - - - -                                  |              |                               |        |                          |                            | 128    | 128       |                               |        |                          |                            | 77     | 178    | 255 |
| 2 - - - - -                                  |              |                               |        |                          |                            | 1      | 1         |                               |        |                          |                            | 6      | 6      | 6   |
| 1 - - - - -                                  |              |                               |        |                          |                            | 4      | 6         |                               |        |                          |                            |        |        |     |
| AND LESS - - - - -                           |              |                               |        |                          |                            | 2      |           |                               |        |                          | 2                          |        |        |     |
| TOTAL - - - - -                              |              |                               |        |                          | 186                        | 140    | 189       | 515                           |        |                          | 189                        | 148    | 186    | 523 |
| BRAZOS ISLAND HARBOR, TEX.                   |              |                               |        |                          | INBOUND                    |        |           |                               |        |                          | OUTBOUND                   |        |        |     |
| 35 - - - - -                                 |              | 1                             |        |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 34 - - - - -                                 |              | 1                             |        |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 33 - - - - -                                 |              |                               | 1      |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 32 - - - - -                                 |              |                               | 1      |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 31 - - - - -                                 |              |                               | 1      |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 30 - - - - -                                 |              | 1                             |        |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 29 - - - - -                                 |              | 2                             |        |                          |                            |        | 2         |                               |        |                          |                            |        |        |     |
| 28 - - - - -                                 |              | 5                             | 1      |                          |                            |        | 6         | 1                             | 2      |                          |                            | 1      | 4      | 5   |
| 27 - - - - -                                 |              | 3                             |        |                          |                            |        | 3         | 1                             |        |                          |                            |        | 1      | 1   |
| 26 - - - - -                                 |              | 4                             |        |                          |                            |        | 4         | 6                             |        |                          |                            |        | 6      | 6   |
| 25 - - - - -                                 |              | 4                             |        |                          |                            |        | 4         | 7                             | 2      |                          |                            |        | 8      | 8   |
| 24 - - - - -                                 |              | 5                             | 1      |                          |                            |        | 7         | 8                             |        |                          |                            |        | 12     | 12  |
| 23 - - - - -                                 |              | 6                             | 1      |                          |                            |        | 5         | 11                            | 1      |                          |                            |        | 6      | 6   |
| 22 - - - - -                                 |              | 5                             | 1      |                          |                            |        | 6         | 5                             | 1      |                          |                            |        | 8      | 8   |
| 21 - - - - -                                 |              | 5                             |        |                          |                            |        | 5         | 8                             |        |                          |                            |        | 0      | 0   |
| 20 - - - - -                                 |              | 4                             |        |                          |                            |        | 4         | 4                             |        |                          |                            |        | 4      | 4   |
| 19 - - - - -                                 |              | 4                             |        |                          |                            |        | 5         | 5                             |        |                          |                            |        | 7      | 7   |
| 18 AND LESS - - - - -                        |              | 211                           | 1      | 317                      | 170                        | 359    | 1,058     | 209                           | 1      | 289                      | 176                        | 380    | 1,015  |     |
| TOTAL - - - - -                              |              | 260                           | 8      | 317                      | 170                        | 360    | 1,115     | 275                           | 9      | 289                      | 176                        | 343    | 1,092  |     |
| PORT ISABEL, TEX.                            |              |                               |        |                          | INBOUND                    |        |           |                               |        |                          | OUTBOUND                   |        |        |     |
| TOTAL, 18 AND LESS - - - - -                 |              | 4                             |        | 73                       | 76                         | 57     | 210       | 13                            |        | 67                       | 72                         | 60     | 212    |     |
| BROWNSVILLE, TEX.                            |              |                               |        |                          | INBOUND                    |        |           |                               |        |                          | OUTBOUND                   |        |        |     |
| 35 - - - - -                                 |              | 1                             |        |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 34 - - - - -                                 |              | 1                             |        |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 33 - - - - -                                 |              |                               | 1      |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 32 - - - - -                                 |              |                               | 1      |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 31 - - - - -                                 |              |                               | 1      |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 30 - - - - -                                 |              | 1                             |        |                          |                            |        | 1         |                               |        |                          |                            |        |        |     |
| 29 - - - - -                                 |              | 2                             |        |                          |                            |        | 2         |                               |        |                          |                            |        |        |     |
| 28 - - - - -                                 |              | 5                             | 1      |                          |                            |        | 6         | 1                             | 2      |                          |                            |        | 5      | 5   |
| 27 - - - - -                                 |              | 3                             |        |                          |                            |        | 3         | 1                             | 2      |                          |                            |        | 1      | 1   |
| 26 - - - - -                                 |              | 4                             |        |                          |                            |        | 4         | 6                             | 2      |                          |                            |        | 6      | 6   |
| 25 - - - - -                                 |              | 4                             |        |                          |                            |        | 4         | 7                             | 2      |                          |                            |        | 9      | 9   |
| 24 - - - - -                                 |              | 6                             | 1      |                          |                            |        | 7         | 8                             |        |                          |                            |        | 8      | 8   |
| 23 - - - - -                                 |              | 6                             | 1      |                          |                            |        | 5         | 11                            | 1      |                          |                            |        | 12     | 12  |
| 22 - - - - -                                 |              | 5                             | 1      |                          |                            |        | 6         | 5                             | 1      |                          |                            |        | 6      | 6   |
| 21 - - - - -                                 |              | 5                             |        |                          |                            |        | 5         | 8                             |        |                          |                            |        | 8      | 8   |
| 20 - - - - -                                 |              | 6                             |        |                          |                            |        | 4         | 4                             |        |                          |                            |        | 4      | 4   |
| 19 - - - - -                                 |              | 6                             |        |                          |                            |        | 5         | 5                             |        |                          |                            |        | 7      | 7   |
| 18 AND LESS - - - - -                        |              | 207                           | 1      | 244                      | 94                         | 302    | 848       | 196                           | 1      | 226                      | 104                        | 260    | 807    |     |
| TOTAL - - - - -                              |              | 256                           | 8      | 244                      | 94                         | 303    | 905       | 262                           | 9      | 226                      | 104                        | 283    | 884    |     |
| ANAHUAC CHANNEL, TEX.                        |              |                               |        |                          | NORTHBOUND                 |        |           |                               |        |                          | SOUTHBOUND                 |        |        |     |
| TOTAL, 6 AND LESS - - - - -                  |              |                               |        | 6                        |                            |        | 7         |                               |        | 8                        | 1                          |        | 9      |     |
| CEDAR BAYOU, TEX.                            |              |                               |        |                          | UPBOUND                    |        |           |                               |        |                          | DOWNBOUND                  |        |        |     |
| TOTAL, 10 AND LESS - - - - -                 |              |                               |        | 60                       | 32                         | 145    | 237       |                               |        | 53                       | 25                         | 129    | 207    |     |
| CHANNEL TO ARANSAS PASS, TEX.                |              |                               |        |                          | INBOUND                    |        |           |                               |        |                          | OUTBOUND                   |        |        |     |
| TOTAL, 9 AND LESS - - - - -                  |              | 39                            |        |                          | 1                          |        | 39        | 53                            |        |                          |                            |        | 53     |     |
| CHANNEL TO PALACIOS, TEX.                    |              |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |           |                               |        |                          |                            |        |        |     |
| CHANNEL TO PORT BOLIVAR, TEX.                |              |                               |        |                          | INBOUND                    |        |           |                               |        |                          | OUTBOUND                   |        |        |     |
| TOTAL, 10 AND LESS - - - - -                 |              | 21,602                        |        |                          |                            |        | 21,602    | 21,602                        |        |                          |                            |        | 21,602 |     |
| CLEAR CREEK, TEX.                            |              |                               |        |                          | NO VESSEL TRIPS REPORTED   |        |           |                               |        |                          |                            |        |        |     |
| DOUBLE BAYOU, TEX.                           |              |                               |        |                          | UPBOUND                    |        |           |                               |        |                          | DOWNBOUND                  |        |        |     |
| TOTAL, 7 AND LESS - - - - -                  |              | 355                           | 843    | 382                      |                            | 1,580  | 365       | 704                           | 511    |                          |                            |        | 1,580  |     |
| PORT MANSFIELD, TEX.                         |              |                               |        |                          | INBOUND                    |        |           |                               |        |                          | OUTBOUND                   |        |        |     |
| TOTAL, 9 AND LESS - - - - -                  |              | 162                           | 1      |                          |                            | 163    | 174       | 1                             |        |                          |                            |        | 175    |     |
| ROCKPORT, TEX.                               |              |                               |        |                          | INBOUND                    |        |           |                               |        |                          | OUTBOUND                   |        |        |     |
| TOTAL, 6 AND LESS - - - - -                  |              |                               |        | 10                       | 20                         |        | 30        |                               | 11     | 20                       |                            |        | 31     |     |

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## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY  |  | DIRECTION                     |        |                          |                            |       | DIRECTION              |        |   |                            |       |
|---|--|-------------------------------|--------|--------------------------|----------------------------|-------|------------------------|--------|---|----------------------------|-------|
| DRAFT (FEET)  |  | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS | TOTAL | SELF PROPELLED VESSELS |        |   | NON-SELF PROPELLED VESSELS | TOTAL |
|   |  | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT |                            |       | DRY CARGO              | TANKER |   |                            |       |
| TRINITY RIVER, CHANNEL TO<br>LIBERTY, TEX.<br>TOTAL, 9 AND LESS - - - - - |  |                               |        | 2                        | UPBOUND                    | 3     |                        |        | 8 | DOWNBOUND                  | 9     |

# MISSISSIPPI RIVER

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## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY  |  | DIRECTION                     |        |                          |                            |        |       | DIRECTION |                               |        |                          |                            |        |         |       |
|---|--|-------------------------------|--------|--------------------------|----------------------------|--------|-------|-----------|-------------------------------|--------|--------------------------|----------------------------|--------|---------|-------|
| DRAFT (FEET)  |  | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS |        |       | TOTAL     | SELF PROPELLED VESSELS        |        |                          | NON-SELF PROPELLED VESSELS |        |         | TOTAL |
|   |  | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO                  | TANKER |       |           | PASSENGER<br>AND<br>DRY CARGO | TANKER | TOWBOAT<br>OR<br>TUGBOAT | DRY CARGO                  | TANKER |         |       |
| MISSISSIPPI RIVER, MINNEAPOLIS,<br>MINN., TO MOUTH OF PASSES<br>(CONSOLIDATED REPORT) |  |                               |        |                          |                            |        |       |           |                               |        |                          |                            |        |         |       |
| FOREIGN AND COASTWISE   |  |                               |        |                          |                            |        |       |           |                               |        |                          |                            |        |         |       |
| 40 -  |  | 93                            | 291    |                          |                            |        |       | 384       | 921                           | 71     |                          |                            |        |         |       |
| 39 -  |  | 47                            | 107    |                          | 1                          |        |       | 155       | 243                           | 36     |                          |                            |        |         |       |
| 38 -  |  | 21                            | 62     |                          |                            |        |       | 63        | 114                           | 44     |                          |                            |        |         |       |
| 37 -  |  | 24                            | 52     |                          |                            |        |       | 76        | 121                           | 55     |                          |                            |        |         |       |
| 36 -  |  | 25                            | 68     |                          |                            |        |       | 442       | 113                           | 68     |                          |                            |        |         |       |
| 35 -  |  | 31                            | 42     |                          |                            |        |       | 73        | 86                            | 71     |                          |                            |        |         |       |
| 34 -  |  | 48                            | 46     |                          |                            |        |       | 140       | 87                            | 156    |                          |                            |        |         |       |
| 33 -  |  | 60                            | 58     |                          |                            |        |       | 526       | 119                           | 95     |                          |                            |        |         |       |
| 32 -  |  | 82                            | 51     | 342                      | 4                          |        |       | 479       | 161                           | 72     |                          |                            |        |         |       |
| 31 -  |  | 86                            | 49     | 16                       |                            |        |       | 50        | 201                           | 114    | 64                       | 15                         |        |         |       |
| 30 -  |  | 101                           | 63     | 1                        | 17                         |        |       | 60        | 242                           | 158    | 129                      | 2                          |        |         |       |
| 29 -  |  | 130                           | 51     |                          | 2                          |        |       |           | 183                           | 111    | 103                      |                            | 22     |         |       |
| 28 -  |  | 171                           | 50     |                          | 2                          |        |       |           | 226                           | 107    | 87                       |                            | 1      |         |       |
| 27 -  |  | 182                           | 64     | 2                        | 1                          |        |       |           | 252                           | 139    | 145                      | 3                          | 22     |         |       |
| 26 -  |  | 215                           | 51     |                          | 8                          |        |       |           | 291                           | 151    | 88                       |                            | 55     |         |       |
| 25 -  |  | 232                           | 62     | 9                        | 16                         |        |       |           | 321                           | 144    | 63                       | 8                          | 54     |         |       |
| 24 -  |  | 294                           | 72     | 27                       | 3                          |        |       |           | 401                           | 177    | 75                       | 23                         | 42     |         |       |
| 23 -  |  | 320                           | 59     |                          | 8                          |        |       |           | 389                           | 141    | 50                       | 2                          | 25     |         |       |
| 22 -  |  | 330                           | 50     | 9                        | 28                         |        |       |           | 417                           | 112    | 33                       | 9                          | 166    |         |       |
| 21 -  |  | 277                           | 34     | 66                       | 4                          |        |       |           | 361                           | 118    | 36                       | 46                         | 7      |         |       |
| 20 -  |  | 244                           | 62     |                          | 10                         |        |       |           | 316                           | 107    | 57                       | 7                          | 15     |         |       |
| 19 -  |  | 198                           | 121    | 6                        | 2                          |        |       |           | 327                           | 96     | 41                       | 9                          | 5      |         |       |
| 18 AND LESS-  |  | 636                           | 176    | 906                      | 496                        |        |       |           | 2,626                         | 352    | 94                       | 922                        | 295    | 229     | 1,892 |
| TOTAL-  |  | 3,858                         | 1,737  | 1,364                    | 713                        | 1,279  |       | 8,951     | 3,992                         | 1,733  | 1,356                    | 756                        | 1,114  | 6,951   |       |
| MISSISSIPPI RIVER, MINNEAPOLIS,<br>MINN., TO MOUTH OF PASSES<br>(CONSOLIDATED REPORT) |  |                               |        |                          |                            |        |       |           |                               |        |                          |                            |        |         |       |
| INTERNAL  |  |                               |        |                          |                            |        |       |           |                               |        |                          |                            |        |         |       |
| 40 -  |  |                               | 1      |                          | 1                          | 1      |       | 3         |                               | 1      | 1                        |                            |        |         |       |
| 39 -  |  |                               | 3      |                          |                            |        |       | 3         |                               |        |                          |                            |        |         |       |
| 38 -  |  |                               | 1      |                          |                            |        |       | 1         |                               |        |                          |                            |        |         |       |
| 37 -  |  |                               |        |                          |                            |        |       |           |                               |        |                          |                            |        |         |       |
| 36 -  |  |                               | 2      |                          |                            |        |       | 2         |                               | 1      |                          |                            |        |         |       |
| 35 -  |  |                               | 3      | 3                        |                            | 3      |       | 7         |                               | 1      |                          |                            |        |         |       |
| 34 -  |  |                               | 2      |                          |                            |        |       | 2         |                               | 2      |                          |                            |        |         |       |
| 32 -  |  |                               | 2      |                          |                            |        |       | 2         |                               | 1      | 7                        |                            |        |         |       |
| 31 -  |  |                               | 2      |                          |                            |        |       | 24        | 3                             | 1      | 5                        |                            |        |         |       |
| 30 -  |  |                               | 22     |                          |                            |        |       | 6         |                               | 1      |                          | 1                          | 2      |         |       |
| 29 -  |  |                               | 6      |                          |                            |        |       | 4         |                               | 2      |                          |                            | 2      |         |       |
| 28 -  |  |                               | 3      |                          |                            | 1      |       | 4         |                               | 1      |                          | 11                         |        |         |       |
| 27 -  |  |                               | 22     |                          |                            |        |       | 22        |                               | 5      |                          | 3                          |        |         |       |
| 26 -  |  |                               | 3      |                          |                            |        |       | 3         |                               | 5      |                          | 1                          |        |         |       |
| 25 -  |  |                               | 2      |                          |                            |        |       | 2         |                               | 1      |                          |                            | 2      |         |       |
| 24 -  |  |                               | 2      |                          |                            |        |       | 3         |                               |        |                          |                            |        |         |       |
| 23 -  |  |                               | 1      |                          | 1                          | 1      |       | 3         |                               |        |                          |                            |        |         |       |
| 22 -  |  |                               | 2      |                          |                            |        |       | 2         |                               | 1      |                          |                            | 8      |         |       |
| 21 -  |  |                               | 2      |                          | 1                          |        |       | 3         |                               | 1      |                          | 6                          |        |         |       |
| 20 -  |  |                               |        |                          |                            |        |       |           |                               |        |                          | 1                          |        |         |       |
| 19 -  |  |                               |        |                          |                            |        |       |           |                               |        |                          | 3                          |        |         |       |
| 18 AND LESS-  |  | 12,021                        | 5      | 42,431                   | 109,779                    | 35,009 |       | 199,245   | 11,580                        | 10     | 39,585                   | 106,163                    | 41,900 | 199,238 |       |
| TOTAL-  |  | 12,021                        | 64     | 42,437                   | 109,782                    | 35,015 |       | 199,319   | 11,583                        | 35     | 39,613                   | 106,183                    | 41,904 | 199,318 |       |
| MISSISSIPPI RIVER, MINNEAPOLIS,<br>MINN., TO MOUTH OF MISSOURI RIVER                  |  |                               |        |                          |                            |        |       |           |                               |        |                          |                            |        |         |       |
| 9 -   |  |                               | 1      |                          | 1,998                      | 9,842  | 3,262 | 15,103    | 1                             |        |                          |                            |        |         |       |
| 8 -   |  |                               | 7      |                          | 2,526                      | 4,133  | 435   | 7,101     | 0                             |        |                          |                            |        |         |       |
| 7 -   |  |                               | 1,007  |                          | 2,000                      | 488    | 64    | 4,159     | 1,283                         |        |                          |                            |        |         |       |
| 6 -   |  |                               | 80     |                          | 1,833                      | 82     | 52    | 2,047     | 80                            |        |                          |                            |        |         |       |
| 5 -   |  |                               | 483    |                          | 348                        | 95     | 7     | 933       | 482                           |        |                          |                            |        |         |       |
| 4 -   |  |                               | 80     |                          | 208                        | 80     | 30    | 398       | 80                            |        |                          |                            |        |         |       |
| 3 -   |  |                               | 401    |                          | 2                          | 26     | 69    | 897       | 653                           |        |                          |                            |        |         |       |
| 2 -   |  |                               | 5      |                          | 75                         | 21,912 | 1,935 | 23,927    | 1                             |        |                          |                            |        |         |       |
| 1 -   |  |                               |        |                          | 2                          | 861    | 150   | 1,013     |                               |        |                          |                            |        |         |       |
| AND LESS-   |  |                               |        |                          | 40                         | 10     | 50    | 50        |                               |        |                          | 42                         | 6      | 40      |       |
| TOTAL-  |  | 2,868                         |        | 9,032                    | 37,729                     | 6,003  |       | 55,678    | 2,549                         |        | 7,631                    | 39,512                     | 5,935  | 55,627  |       |
| MISSISSIPPI RIVER, MOUTH OF MISSOURI<br>RIVER TO MOUTH OF OHIO RIVER                  |  |                               |        |                          |                            |        |       |           |                               |        |                          |                            |        |         |       |
| 9 -   |  |                               | 2      | 1                        | 2,678                      | 10,888 | 2,995 | 16,564    | 1                             |        |                          |                            |        |         |       |
| 8 -   |  |                               | 21     |                          | 1,910                      | 1,680  | 428   | 4,087     | 24                            |        |                          |                            |        |         |       |
| 7 -   |  |                               | 2,467  |                          | 614                        | 73     |       | 3,150     |                               |        |                          |                            |        |         |       |
| 6 -   |  |                               | 475    |                          | 2,206                      | 129    | 61    | 2,873     | 475                           |        |                          |                            |        |         |       |
| 5 -   |  |                               | 162    |                          | 376                        | 69     | 8     | 615       | 161                           |        |                          |                            |        |         |       |
| 4 -   |  |                               | 25     |                          | 183                        | 35     |       | 243       |                               |        |                          |                            |        |         |       |
| 3 -   |  |                               | 285    |                          | 1,030                      | 809    | 56    | 2,141     | 286                           |        |                          |                            |        |         |       |
| 2 -   |  |                               | 4      |                          | 136                        | 36,311 | 1,844 | 38,295    | 1                             |        |                          |                            |        |         |       |
| 1 -   |  |                               | 285    |                          | 1,367                      | 106    | 1,758 |           |                               |        |                          |                            |        |         |       |
| AND LESS-   |  |                               |        |                          | 84                         | 9      | 93    |           |                               |        |                          |                            |        |         |       |
| TOTAL-  |  | 950                           | 1      | 11,203                   | 52,063                     | 5,606  |       | 69,823    | 948                           |        | 10,552                   | 52,820                     | 5,493  | 69,822  |       |

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## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY   |                         | DIRECTION              |                    |                            |         |         | DIRECTION               |        |                            |           |        |
|--|-------------------------|------------------------|--------------------|----------------------------|---------|---------|-------------------------|--------|----------------------------|-----------|--------|
|  |                         | SELF PROPELLED VESSELS |                    | NON-SELF PROPELLED VESSELS |         | TOTAL   | SELF PROPELLED VESSELS  |        | NON-SELF PROPELLED VESSELS |           | TOTAL  |
| DRAFT (FEET)   | PASSENGER AND DRY CARGO | TANKER                 | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER  |         | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT         | DRY CARGO |        |
| MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA., (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES) |                         |                        |                    |                            |         |         |                         |        |                            |           |        |
| 9  | 3                       | 5,321                  | 11,880             | 9,082                      | 26,250  | 6       | 4,487                   | 65,434 | 2,768                      | 70,695    |        |
| 8  | 43                      | 2,403                  | 1,782              | 928                        | 5,152   | 53      | 2,295                   | 11,254 | 664                        | 14,296    |        |
| 7  | 1                       | 1,871                  | 438                | 318                        | 2,626   |         | 1,899                   | 1,871  | 116                        | 3,886     |        |
| 6 AND LESS   | 12                      | 1,285                  | 63,212             | 1,941                      | 66,450  | 5       | 1,177                   | 1,683  | 8,764                      | 11,629    |        |
| TOTAL  | 59                      | 10,880                 | 77,276             | 12,261                     | 100,476 | 64      | 9,658                   | 78,242 | 12,312                     | 100,476   |        |
| MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA., (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)   |                         |                        |                    |                            |         |         |                         |        |                            |           |        |
| 30   | 704                     | 245                    |                    | 1                          | 950     | 686     | 62                      |        |                            |           | 748    |
| 39   | 144                     | 70                     |                    | 1                          | 215     | 173     | 33                      |        |                            |           | 206    |
| 38   | 65                      | 39                     |                    |                            | 105     | 74      | 35                      |        |                            |           | 109    |
| 37   | 67                      | 40                     |                    |                            | 107     | 83      | 46                      |        |                            |           | 129    |
| 36   | 69                      | 51                     |                    |                            | 120     | 92      | 59                      |        |                            |           | 523    |
| 35   | 71                      | 31                     | 2                  | 1                          | 105     | 66      | 57                      |        |                            |           | 130    |
| 34   | 80                      | 33                     |                    | 86                         | 199     | 61      | 74                      |        |                            |           | 142    |
| 33   | 129                     | 40                     |                    | 25                         | 194     | 88      | 71                      |        |                            |           | 367    |
| 32   | 142                     | 41                     | 40                 |                            | 223     | 104     | 57                      | 7      |                            |           | 171    |
| 31   | 86                      | 36                     | 10                 |                            | 136     | 71      | 53                      | 12     |                            |           | 136    |
| 30   | 83                      | 65                     | 1                  | 16                         | 10      | 175     | 89                      | 103    | 2                          |           | 245    |
| 29   | 94                      | 42                     |                    | 1                          | 137     | 51      | 77                      |        |                            |           | 131    |
| 28   | 64                      | 36                     |                    |                            | 104     | 42      | 58                      |        |                            |           | 98     |
| 27   | 54                      | 54                     | 2                  |                            | 113     | 39      | 123                     | 3      |                            |           | 195    |
| 26   | 63                      | 40                     |                    |                            | 120     | 52      | 71                      |        |                            |           | 127    |
| 25   | 85                      | 40                     | 7                  |                            | 134     | 50      | 47                      | 8      |                            |           | 147    |
| 24   | 92                      | 51                     |                    |                            | 144     | 67      | 64                      | 31     |                            |           | 168    |
| 23   | 110                     | 39                     |                    | 3                          | 155     | 62      | 39                      | 2      |                            |           | 112    |
| 22   | 116                     | 30                     | 8                  |                            | 154     | 41      | 25                      | 9      |                            |           | 85     |
| 21   | 92                      | 22                     | 44                 | 1                          | 159     | 39      | 26                      | 8      |                            |           | 120    |
| 20   | 67                      | 36                     |                    | 2                          | 105     | 37      | 48                      | 6      |                            |           | 111    |
| 19   | 82                      | 37                     | 4                  |                            | 120     | 52      | 31                      | 6      |                            |           | 117    |
| 18 AND LESS  | 916                     | 121                    | 13,746             | 68,931                     | 22,151  | 105,865 | 739                     | 77     | 14,187                     | 68,743    | 21,625 |
| TOTAL  | 3,076                   | 1,239                  | 13,866             | 69,067                     | 22,193  | 109,843 | 2,858                   | 1,332  | 14,290                     | 68,863    | 22,500 |
| MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  |                         |                        |                    |                            |         |         |                         |        |                            |           |        |
| 40   | 93                      | 280                    | 1                  | 1                          | 375     | 921     | 59                      | 1      |                            |           | 982    |
| 39   | 47                      | 117                    |                    | 1                          | 165     | 243     | 42                      |        |                            |           | 205    |
| 38   | 21                      | 62                     |                    |                            | 83      | 114     | 41                      |        |                            |           | 155    |
| 37   | 24                      | 51                     |                    |                            | 75      | 121     | 40                      |        |                            |           | 161    |
| 36   | 28                      | 64                     |                    |                            | 92      | 113     | 73                      |        |                            |           | 189    |
| 35   | 31                      | 42                     | 1                  |                            | 74      | 86      | 67                      |        |                            |           | 321    |
| 34   | 48                      | 46                     |                    | 78                         | 170     | 87      | 160                     |        |                            |           | 255    |
| 33   | 64                      | 57                     |                    | 32                         | 153     | 119     | 105                     |        |                            |           | 612    |
| 32   | 82                      | 50                     | 42                 | 4                          | 178     | 161     | 77                      | 1,495  | 20                         | 368       | 1,753  |
| 31   | 86                      | 43                     | 16                 |                            | 145     | 114     | 60                      | 20     | 11                         | 9         | 196    |
| 30   | 101                     | 53                     | 1                  | 17                         | 12      | 184     | 161                     | 131    | 2                          | 17        | 357    |
| 29   | 130                     | 52                     |                    | 2                          | 184     | 111     | 102                     |        |                            |           | 236    |
| 28   | 171                     | 50                     |                    | 2                          | 227     | 107     | 92                      |        |                            |           | 201    |
| 27   | 162                     | 65                     | 2                  | 1                          | 253     | 139     | 151                     | 4      |                            |           | 324    |
| 26   | 215                     | 52                     |                    | 9                          | 293     | 151     | 91                      |        |                            |           | 303    |
| 25   | 232                     | 63                     | 9                  | 16                         | 322     | 144     | 66                      | 9      |                            |           | 306    |
| 24   | 298                     | 71                     | 27                 | 3                          | 400     | 177     | 79                      | 23     |                            |           | 323    |
| 23   | 320                     | 57                     |                    | 8                          | 347     | 141     | 52                      | 2      |                            |           | 220    |
| 22   | 330                     | 51                     | 9                  | 28                         | 416     | 312     | 37                      | 16     |                            |           | 331    |
| 21   | 277                     | 35                     | 47                 | 4                          | 363     | 118     | 36                      | 48     | 7                          | 5         | 214    |
| 20   | 244                     | 63                     |                    | 10                         | 317     | 107     | 57                      | 7      | 16                         | 12        | 199    |
| 19   | 198                     | 121                    | 6                  | 2                          | 327     | 96      | 41                      | 9      | 8                          | 27        | 181    |
| 18 AND LESS  | 8,342                   | 178                    | 13,626             | 32,819                     | 15,900  | 70,865  | 7,834                   | 96     | 14,045                     | 29,751    | 16,024 |
| TOTAL  | 11,564                  | 1,725                  | 13,787             | 33,037                     | 15,941  | 76,054  | 11,477                  | 1,755  | 15,681                     | 30,231    | 16,910 |
| PASSES OF THE MISSISSIPPI RIVER  |                         |                        |                    |                            |         |         |                         |        |                            |           |        |
| 40   | 92                      | 280                    |                    |                            | 372     | 920     | 58                      |        |                            |           | 978    |
| 39   | 47                      | 117                    |                    | 1                          | 165     | 241     | 42                      |        |                            |           | 203    |
| 38   | 20                      | 61                     |                    |                            | 81      | 114     | 41                      |        |                            |           | 155    |
| 37   | 28                      | 51                     |                    |                            | 75      | 119     | 39                      |        |                            |           | 150    |
| 36   | 29                      | 64                     |                    |                            | 92      | 109     | 72                      |        |                            |           | 184    |
| 35   | 31                      | 40                     |                    |                            | 71      | 80      | 66                      |        |                            |           | 518    |
| 34   | 48                      | 52                     |                    | 78                         | 178     | 87      | 147                     |        |                            |           | 262    |
| 33   | 60                      | 56                     |                    | 32                         | 152     | 117     | 109                     |        |                            |           | 613    |
| 32   | 82                      | 51                     | 42                 | 4                          | 179     | 155     | 79                      | 1,489  | 19                         | 368       | 1,740  |
| 31   | 88                      | 63                     | 16                 |                            | 143     | 113     | 59                      | 15     | 9                          | 2         | 189    |
| 30   | 100                     | 52                     | 1                  | 17                         | 181     | 155     | 130                     | 2      |                            |           | 347    |
| 29   | 120                     | 49                     |                    | 2                          | 180     | 110     | 100                     |        |                            |           | 232    |
| 28   | 169                     | 49                     |                    | 1                          | 222     | 107     | 91                      |        |                            |           | 308    |
| 27   | 180                     | 64                     | 2                  | 1                          | 250     | 137     | 148                     | 3      |                            |           | 298    |
| 26   | 213                     | 52                     |                    | 10                         | 292     | 150     | 90                      |        |                            |           | 304    |
| 25   | 231                     | 61                     | 9                  | 15                         | 258     | 142     | 68                      | 8      |                            |           | 321    |
| 24   | 208                     | 71                     | 27                 | 3                          | 300     | 176     | 78                      | 23     |                            |           | 219    |
| 23   | 315                     | 58                     |                    | 8                          | 346     | 139     | 53                      | 2      |                            |           | 201    |
| 22   | 325                     | 51                     | 9                  | 187                        | 532     | 110     | 35                      | 9      | 47                         | 7         | 212    |
| 21   | 277                     | 35                     | 67                 | 4                          | 363     | 118     | 37                      | 45     | 7                          | 5         | 197    |
| 20   | 243                     | 63                     |                    | 10                         | 317     | 106     | 58                      | 7      | 15                         | 11        | 197    |
| 19   | 197                     | 120                    | 6                  | 3                          | 327     | 96      | 41                      | 9      | 4                          | 26        | 176    |

## MISSISSIPPI RIVER

185

## TRIPS AND DRAFTS OF VESSELS

| HARBOR OR WATERWAY   | DIRECTION    |                         |        |                    |                            | DIRECTION |       |                         |        |                    |                            |          |       |
|--|--------------|-------------------------|--------|--------------------|----------------------------|-----------|-------|-------------------------|--------|--------------------|----------------------------|----------|-------|
|  | DRAFT (FEET) | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |           | TOTAL | SELF PROPELLED VESSELS  |        |                    | NON-SELF PROPELLED VESSELS |          | TOTAL |
|  |              | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER    |       | PASSENGER AND DRY CARGO | TANKER | TOWBOAT OR TUGBOAT | DRY CARGO                  | TANKER   |       |
| PASSES OF THE MISSISSIPPI RIVER--(CONTINUED)<br>16 AND LESS- - - - - | 2,126        | 174                     | 1,731  | 839                | 677                        | 5,547     | 1,857 | 93                      | 1,536  | DOWNBOUND<br>661   | 622                        | 4,769    |       |
| TOTAL- - - - -   | 5,326        | 1,714                   | 1,890  | 1,175              | 718                        | 10,823    | 5,862 | 1,734                   | 3,148  | 1,002              | 1,503                      | 12,849   |       |
| MADISON PARISH PORT, LA.<br>12 - - - - -                             |              |                         |        | 1                  |                            |           |       |                         |        |                    |                            | OUTBOUND |       |
| 9 - - - - -  |              |                         |        | 15                 | 46                         | 2         | 63    |                         |        |                    |                            | 38       |       |
| 8 - - - - -  |              |                         |        | 4                  | 1                          | 12        | 17    |                         |        |                    |                            | 6        |       |
| 7 - - - - -  |              |                         |        | 2                  | 7                          |           | 9     |                         |        |                    |                            | 12       |       |
| 6 - - - - -  |              |                         |        | 4                  | 1                          |           | 5     |                         |        |                    |                            | 4        |       |
| 5 - - - - -  |              |                         |        |                    |                            |           |       |                         |        |                    |                            | 1        |       |
| 3 - - - - -  |              |                         |        |                    |                            |           |       |                         |        |                    |                            | 1        |       |
| 2 - - - - -  |              |                         |        |                    | 20                         | 2         | 22    |                         |        |                    |                            | 66       |       |
| 1 - - - - - AND LESS- - - - -  |              |                         |        | 4                  | 4                          |           | 4     |                         |        |                    |                            | 6        |       |
| TOTAL- - - - -   |              |                         |        | 2                  |                            |           | 2     |                         |        |                    |                            | 130      |       |
| ROSEDALE HARBOR, MISS.<br>23 - - - - -                               |              |                         |        |                    |                            |           |       |                         |        |                    |                            | 1        |       |
| 9 - - - - -  |              |                         |        | 64                 | 58                         | 2         | 104   |                         |        |                    |                            | 150      |       |
| 8 - - - - -  |              |                         |        | 156                | 25                         | 4         | 185   |                         |        |                    |                            | 132      |       |
| 7 - - - - -  |              |                         |        | 59                 | 52                         |           | 111   |                         |        |                    |                            | 111      |       |
| 6 - - - - -  |              |                         |        | 211                |                            |           | 211   |                         |        |                    |                            | 196      |       |
| 3 - - - - -  |              |                         |        | 15                 |                            |           | 15    |                         |        |                    |                            | 15       |       |
| 2 - - - - -  |              |                         |        |                    | 151                        | 4         | 155   |                         |        |                    |                            | 172      |       |
| 1 - - - - - AND LESS- - - - -  |              |                         |        | 1                  | 7                          |           | 8     |                         |        |                    |                            | 2        |       |
| TOTAL- - - - -   |              |                         |        | 12                 |                            |           | 12    |                         |        |                    |                            | 14       |       |
|  |              |                         |        | 498                | 293                        | 10        | 801   |                         |        |                    |                            | 793      |       |
|  |              |                         |        |                    |                            |           |       | 452                     | 331    | 10                 |                            |          |       |

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